

296770

STATE OF MONTANA
County of Dawson

Filed for record this 18th day of
August A. D. 1966 at
11:10 o'clock a m.

Landon D. Russell
County Clerk & Recorder

By Patricia Peterson Deputy

Fee Pd \$2.00

File No.

T. 16 R. 55

DUPLICATE

County Dawson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

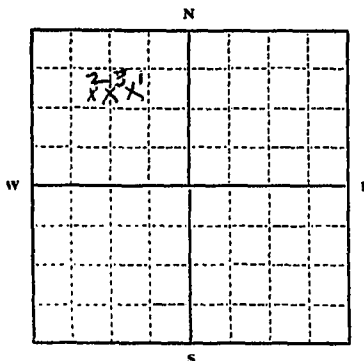
RECEIVED
JAN 14 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Ben Rahr of Glendine
(Name of Appropriator) (Address) (Town)
County of Dawson State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 Sec. 10 T. 16 R. 55

Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.

2. The beneficial use on which the claim is based No 1 & 2 dugfor livestock

3. Date or approximate date of earliest beneficial use; and how continu-

ous the use has been 1914 No 3 dug
used all time since
closed in & was redug in 1937

4. The amount of groundwater claimed (in miner's inches or gallons per minute)

10 gal per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof

None

6. The means of withdrawing such water from the ground and the loca-

tion of each well or other means of withdrawal jet pumps
on No 2 & 3, hand pump
on ~~No 2~~ No 1

7. The date of commencement and completion of the construction of the well, wells, or other works for with-

drawal of groundwater No 1, 1958 No 2 1959
No 3 1937

8. The depth of water table

No 1 & 3, 20 ft No 2, 240 ft

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater

No 1 drilled No 2, drilled No 3, dug
No 4, 20 ft No 3, 30 ft

10. The estimated amount of groundwater withdrawn each year

500000

11. The log of formations encountered in the drilling of each well if available

Not known

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

None

Signature of Owner

Ben RahrDate DEC 27 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

286540

STATE OF MONTANA
County of Dawson

Filed for record this 27th day of
December A. D. 1963, at
1:00 o'clock P. M.

Gordon W. Russell
County Clerk and Recorder.

By _____ Deputy.

Lee Ed E

RECEIVED

716N-R.55E

County Dawson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

OCT 10 1972

DRILLER'S LOG

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller. Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Steve S. Neckert

Address Bloomfield MT

For Administrator's Use
File <u>317222</u>
<u>Oct. 6, 1972 12:45 p.m.</u>
GW 1

Date well started 5-5-70

completed 5-18-70

Type of well Drilled

Equipment used Churn Drill

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

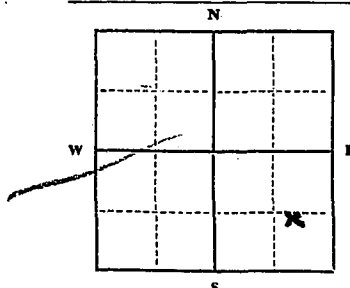
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS
<u>6"</u>	<u>5" Steel</u>	<u>0</u>	<u>50'</u>	<u>Strata</u>
	<u>8"</u>	<u>159'</u>	<u>159'</u>	<u>1' x 1/2"</u>
	<u>4" Steel</u>			
	<u>16" 45'</u>			



E 1/4 SE 1/4 Sec. 11
T. 16 N. R. 55 E

Static water level 75' ft.*
Pumping water level 145' ft.*
at 1.0 gallons per minute,
measured minutes after pumping began.
*Measured from ground level.
Well developed by Pumpers
for 48 hr. hours.
Power 3000 Pump 1/2 HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature Robert W. Haggerty

Driller's Address C B R T Blunder Mont.

LICENSE NO. 65

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
<u>0</u>	<u>49'</u>	<u>Gravel</u>
<u>49'</u>	<u>123'</u>	<u>Gray Clay</u>
<u>123'</u>	<u>140'</u>	<u>Clay & Sand Dry</u>
<u>140'</u>	<u>146'</u>	<u>Yellow Clay</u>
<u>146'</u>	<u>159'</u>	<u>Sand 10' at bottom</u>

159' Show exact depth of bottom

51,561

317222

STATE OF MONTANA
County of Dawson
Filed for record this 6th day of
October A. D. 19 72 at
12:45 o'clock P. M.
Barbara H. Russell
County Clerk & Recorder
By Michelle H. Russell Deputy

File No. _____

T. 16 R. 55

DUPLICATE

County DECEIVED

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

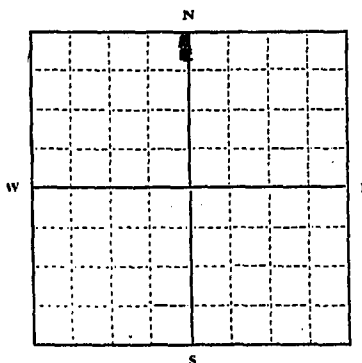
JAN 14 1964

STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Wilbur A. Jimison of Bloomfield Route, Glendive,
(Name of Appropriator) (Address) (Town)
County of Dawson State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N.E. 1/4 NW 1/4 T. 16 R. 55
Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.

2. The beneficial use on which the claim is based Home
and stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been May, 1955 daily

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 400 gpm

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
12 acre shelter belt and 90 acres

6. The means of withdrawing water from the ground and the location of each well or other means of withdrawal
jet pump
in basement of house

7. The date of commencement and completion of the construction of the well, wells or other works for withdrawal of groundwater May 8, 1955 May 16, 1955

8. The depth of water table 30 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 4 drilled well 60 feet deep

10. The estimated amount of groundwater withdrawn each year 100,000

11. The log of formations encountered in the drilling of each well if available not available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record none

Signature of Owner Wilbur A. JimisonDate 12/31/63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

32075

286970

STATE OF MONTANA
County of Dawson

Filed for record this 31st day of
December A. D. 1963, at
4:30 o'clock P. M.
Gordon W. Russell
County Clerk and Recorder.

By _____ Deputy.

File No. _____

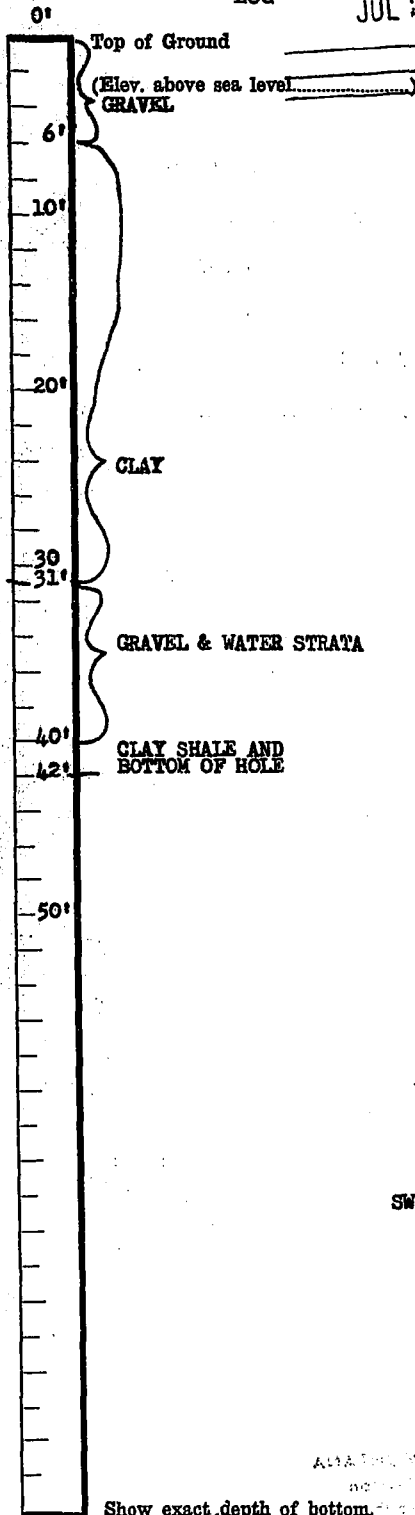
SW $\frac{1}{4}$ SEC. 12 T. 16N R. 55E

DUPLICATE

MONTANA WATER RESOURCES BOARD
RECEIVEDCounty DAWSON

LOG

JUL 22 1969

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

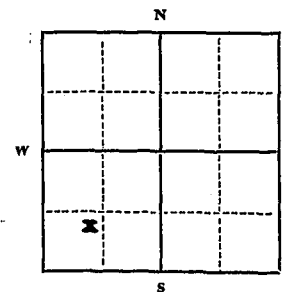
Notice of Completion of Groundwater Appropriation by Means of Well DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

Owner Edward T. Jonatis Address Bloomfield Route Glendive, MontanaDriller Adkinson Water Well Drilling Address Glendive, MontanaDate of Notice of appropriation of groundwater July 21, 1969Date well started 9-9-1967 Date completed 9-11-1967Type of well Drilled Equipment used Rotary
(Dug, driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☒
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6" X 42'	4 1/2" OD 12#/11n.Pt.	+1'	42'	1" X 6" elongations	34'	40'

Static Water Level for non-flowing well 31' feet.Shut-in Pressure for Flowing Well NAPumping Water Level 35 feetat 7 gal. per minute.Discharge in gal. per min. of flowing well NAHow Tested BailingLength of Test 2 HoursRemarks: (Gravel packing, cementing, packers, type of shutoff) Casing to ground was sealed by cementingSW $\frac{1}{4}$ Sec. 12 T. 16N R. 55E
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

Well is utilized for irrigating trees and yard around

house. * Driller was deceased Sept. 16, 1967 and did not

file before time of death.

Owner—Edward T. Jonatis

* Not applicable
Driller's License Number* Not applicable
Driller's Signature.

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

45448

File No.

SW $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 12 T 16N R 55E

DUPLICATE

County Dawson

MONTANA WATER RESOURCES BOARD
LOG RECEIVED STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 STATE WATER CONSERVATION BOARD

JUL 24 1969

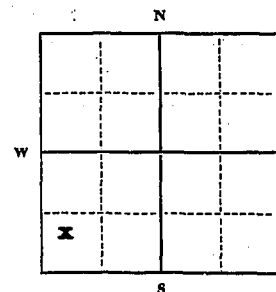
Notice of Completion of Groundwater Appropriation by Means of Well DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 271 Montana Session Laws, 1961, as amended)

Owner Edward T. Jonath Address Bloomfield Route Glandiv, Mont. 59330Driller Chrest & Blades Address Glandiv, MontanaDate of Notice of appropriation of groundwater July 21, 1969Date well started June 1, 1953 Date completed July 3, 1953Type of well Drilled Equipment used Rotary
(Dug, driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6" X 150'	4 1/2" 12#/lin.ft.	+1'	122'	NONE		

Static Water Level for non-flowing well 30' feetShut-in Pressure for Flowing Well NAPumping Water Level 114' feet
at 5 gal. per minute.Discharge in gal. per min. of flowing well NAHow Tested BailingLength of Test 2 HoursRemarks: (Gravel packing, cementing, packers, type of shutoff) CEMENTINGSW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 12 T 16N R 55E

Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

APPROVED BY Edward T. Jonath
 COUNTY CLERK

Show exact depth of bottom.

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Driller's License Number 116Driller's Signature Russell Chrest45475

By Dorothy M. Wagner Deputy

File No. _____

DUPLICATE

T. 12 N. R. 55 E.

County Dawson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 14 1964

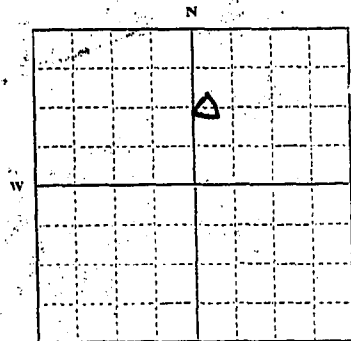
STATE ENGINEER

**Notice of Completion of Groundwater Appropriation
Without Well**

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Dec 27 63Owner CAL WYSE Address GlendiveContractor (if any) NONE

Address of Contractor _____

Date Started Oct 12 63 Date Completed Oct 15 63Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Gravity

1/4 Sec 12 T. 16 R. 55 E.

Indicate point of appropriation and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use.

5 gallons per minute. Checked
By PAUL & WATKINS

Signature of Owner Cal WyseDate Dec 31 63

This form to be prepared by contractor (if any), otherwise by the owner.

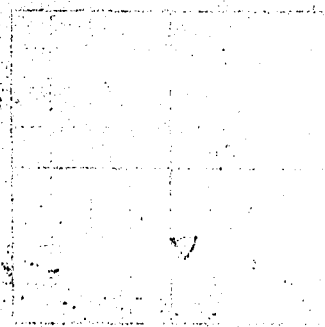
Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

STATE OF MONTANA
COUNTY OF DAWSON
RECORDS OF DEEDS
BOOK 100 PAGE 100

RECORDS OF DEEDS
BOOK 100 PAGE 100



286835

STATE OF MONTANA
County of Dawson

Filed for record this 31st day of
December A. D. 1963, at
8:00 o'clock A. M.

Gordon H. Russell
County Clerk and Recorder.

By Lyle Scheithin Deputy.

Form No. 18
8-60

DEC 27 1961

10: A. M.

T. 16 R. 55

County Dawson

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JAN 4 1962

WATER WELL LOG

		X

STATE ENGINEER

Owner CALVIN AND CAROLE LEE WYSE Address GLENDALE, MONT.

Driller RUSSELL CAREST Address GLENDALE, MONT.

Date Started JULY 10, 1951 Date Completed JULY 19, 1951

Location: Sec. 12 T. 16 R. 55 $\frac{1}{4}$ sec. SW 1/4 NE

Type of well ARTESIAN-CHURNED Equipment used CHURN
(Dug, driven, bored, or drilled) (Churn, drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other _____

Casing: 0 ft. to 40 ft. Type BLACK IRON Size 4 INCH

Casing: 40 ft. to 175 ft. Type GALVANIZED Size 1 1/4 INCH

Casing: _____ ft. to _____ ft. Type _____ Size _____

Perforated or Screened: Ft. 160 to ft. 175. Ft. _____ to ft. _____

Type of screen or perforations SLITS CUT IN CASING

Static Water level, for non-flowing well: _____ feet.

Shut-in pressure, for flowing well: _____ lb./sq. in. on: _____ (date)

Pumping water level _____ feet at _____ gal. per min.

How tested: WAS NOT TESTED

Length of test _____

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

NO PACKING, CASING DROVE IN - SHUT OFF VALVE 8 FT BELOW GROUND
4" CASING CLOSED AT TOP WITH 3/4" COPPER TUBING COMING OUT OF IT + GOING
BACK INTO GROUND + T'ING OFF TO THE HOUSE + TO THE STOCK WATER TANK
(over)

Log of Well

[illegible]

File No.

T. 16N R. 55 East

DUPLICATE

County Dawson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 14 1964

Notice of Completion of Groundwater Appropriation
Without Well

STATE ENGINEER

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater approximately 1957
river bottom land-

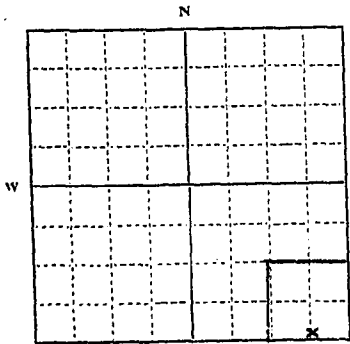
Owner none on record Address

Contractor (if any) L. P. Anderson

Address of Contractor Glendive, Montana

Date Started 1957 Date Completed 1962

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. sub-irrigation sump pit, wood-lined with gravel bottom. Water level about 5 feet below ground level, fluctuates with river level.



SE 1/4 Sec. 13 T 16 R 55 E

Indicate point of appropriation and place of use, if possible.

Used on NW 1/4 Sec. 19, T 16N, R 56E/gallons at 10-day intervals.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use. - Intermittent

use during months of May, June and July for irrigation of shelter belt and yard trees. Approximately 1200

Signature of Owner D'Arline C. Olson
S. A. Olson

Date December 31, 1963

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

*appears to be state owned
land - not under lease to
individual during the filing*

???

32107

287002

STATE OF MONTANA
County of Dawson

Filed for record this 31st day of
December A. D. 1963, at
4:30 o'clock, P. M.
Gordon W. Russell
County Clerk and Recorder.

By _____ Deputy.

File No. _____

RECEIVEDT. 16N R. 55E

DUPLICATE

AUG 14 1972

County Dawson

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 STATE WATER CONSERVATION BOARD

Notice of Completion of Groundwater Appropriation by Means of Well DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

Owner THOMAS W. Zelen Address Box 521Driller C H Starr Address Box 1183-2H

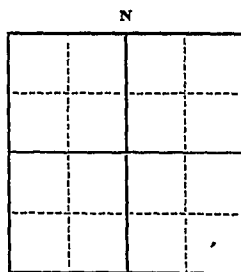
Date of Notice of appropriation of groundwater _____

Date well started 7-25-72 Date completed 8-2-72Type of well dried Equipment used Cable Tool
(Dug, driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
5 1/2" to 80'	4" 11#	0	112			
4" to 112'	6" 17#	0	22			

Doc. No. 316722
 Filed for record
 this _____ day of _____
 A. D. 19_____, at _____
 o'clock _____ M.

Static Water Level for non-flowing well 55 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 90 feetat 8 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested BailingLength of Test 1 hrRemarks: (Gravel packing, cementing, packers, type of shutoff) Shovelfrom 112 to 102'

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

F. & B.

Driller's License Number 168Driller's Signature C H Starr5/148

816722

STATE OF MONTANA

County of Dawson

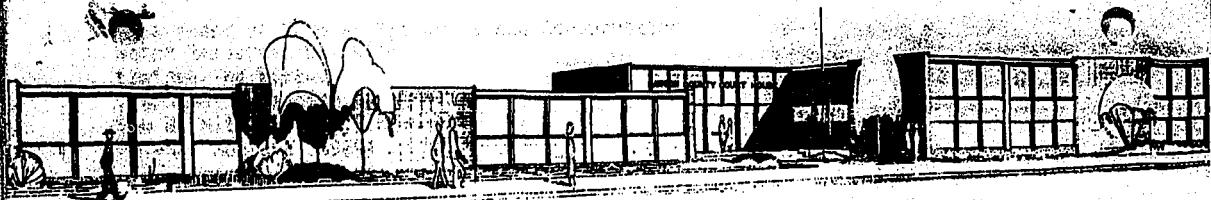
Filed for record this _____ day of

_____ A. D. 19 _____ at

_____ o'clock _____ M.

County Clerk & Recorder

By _____ Deputy



OFFICE OF:
CLERK AND RECORDER
Gordon W. Russell

COUNTY OF DAWSON

GLENDIVE, MONTANA 59330

August 16, 1972

P. O. Box 281

Phone 365-3058

Montana Water Resources Board
Water Resources Division
Mitchell Building
Helena, Montana 59601

Gentlemen:

Please correct the Notice of Completion of Groundwater
Appropriation sent to you recently for Thomas W. Holm
to read: SE $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 14, Township 16 North, Range
55 East.

Gordon W. Russell
Clerk and Recorder

By *Madelyn Woodfield*
Deputy

RECEIVED

AUG 17 1972

MONTANA DEPARTMENT OF NATURAL
RESOURCES AND CONSERVATION



112 Show exact depth of bottom.

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Enter the
number of acres and location or other data (i.e.: Lot, Block and Ad-
dition).

This form to be prepared by driller, and three copies to be filed by the owner with the
County Clerk and Recorder in the county in which the well is located, tissue copy to be
retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be
returned.

F. B.

168
Driller's License Number

C. H. Stan
Driller's Signature.

51,148

Department of Natural Resources and Conservation
 Water Resources Division
 Engineering Bureau
 Groundwater Section
 Sam W. Mitchell Building
 Helena, Montana 59601

Owner Thomas W. Holm
 Address Box 521, Glendive, MT 59330
 Location T. 16N R. 55E Sec. 14
 Doc. No. 316722

As the Administrator of the Groundwater Code for the State of Montana, please take note of the following special instructions, in order to properly protect your groundwater right.

Special Instructions:

Please provide, as indicated in red on the attached form, the following filing information: Day, month, year, hour and minute of filing.

Thank you.

Size of Drilled Hole		Size and Weight of Casing		From (Feet)	To (Feet)	PERFORATIONS		
						Kind Size	From (Feet)	To (Feet)
5 1/2"	4"	11#		0	112			
80'	6"	17#		0	22			
4" to 112'								

Static Water Level for non-flowing well 65 feet.

Shut-in Pressure for Flowing Well.....

Pumping Water Level 90 feet at 8 gal. per minute.

Discharge in gal. per min. of flowing well.....

How Tested Bailing

Length of Test 1 foot

Remarks: (Gravel packing, cementing, packers, type of shutoff) Gravel from 112' to 102'

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

112' Show exact depth of bottom.

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Driller's License Number

Driller's Signature.

F.48.

51148

RECEIVED

File No. _____

T. _____ R. _____

DUPLICATE

AUG 14 1972

County DawsonLOG MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARDNotice of Completion of Groundwater
Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

Owner Thomas W. Zelen Address Box 521Driller C. H. Starr Address Box 1183-211

Date of Notice of appropriation of groundwater _____

Date well started 7-25-72 Date completed 8-2-72Type of well drilled Equipment used Cable Tool
(Dug, driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐

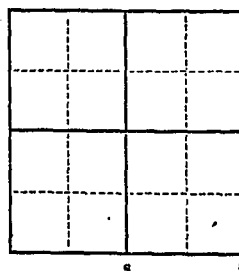
Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

RECEIVED

SEP 28 1972

MONTANA DEPARTMENT OF NATURAL
RESOURCES AND CONSERVATION

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
5 1/2"	4"	0	112			
80'	11#					
4" E	6"	0	22			
112'	17#					

Doc. No. 316722
Filed for record
this 14th day of August W
A. D. 19 72 at 10:13
o'clock A.Static Water Level for non-flowing well
55 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 90 feet
at 8 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested BailingLength of Test 1 TestRemarks: (Gravel packing, cementing, pack-
ers, type of shutoff) Shovelfrom 112' to
102'Indicate location of well and
place of use, if possible. Each
small square represents 40
acres.

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Indicate
number of acres and location or other data (i.e.: Lot, Block and Ad-
dition).

112' Show exact depth of bottom.

This form to be prepared by driller, and three copies to be filed by the owner with the
County Clerk and Recorder in the county in which the well is located, tissue copy to be
retained by driller.Please answer all questions. If not applicable, so state, otherwise the form will be
returned.Driller's License Number 168Driller's Signature C. H. Starr

51/48

316722

STATE OF MONTANA

County of Dawson

Filed for record this 14th day of

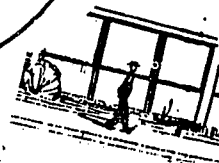
August A. D. 19 72 at

10:37 o'clock A. M.

Darwin D. Russell

County Clerk or Recorder

By Dudley D. Russell Deputy



316722

STATE OF MONTANA

County of Dawson

Filed for record this 14th day of

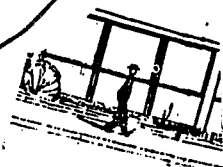
August A. D. 19 22 at

10⁰⁰ A. M. o'clock

Dawson J. Russell

County Clerk/Recorder

By Madeline D. Field Deputy



GW

Approved Stock Form—State Publishing Co., Helena, Montana—42334

File No. _____

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

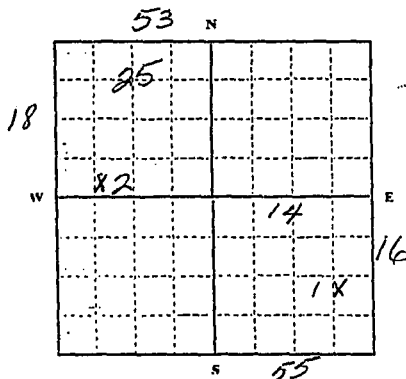
T. 16N. R. 55E. 14
T. 18 R. 53
16
County Bozeman

JAN 14 1962
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. John O. G. Jr. of B. F. Rte Glenview
(Name of Appropriator) (Address) (Town)
County of Bozeman State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. T. R.

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

#1 - 14-16-55

#2 - 25-18-53

- The beneficial use on which the claim is based No. 1 Comm. & Stock & House
- Date or approximate date of earliest beneficial use; and how continuous the use has been No. 1 - 60 yrs No. 2 10 yrs
- The amount of groundwater claimed (in miner's inches or gallons per minute) _____
- If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof No. 1 1/2 acre Spring for Irrigation at E. gal. Marsh
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal No. 1 Pump & Spring on No. 1 No. 2 By Pump
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater No. 1 - 1st Well Begun by Time No. 2 Well 10 yrs ago
- The depth of water table No. 1 - 60 FT No. 2 170-FT
- So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater _____
- The estimated amount of groundwater withdrawn each year _____
- The log of formations encountered in the drilling of each well if available _____
- Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record _____

Signature of Owner

Date

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

32105

287000
287000

File No.

T 16 R 55

DUPLICATE

County Dawson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

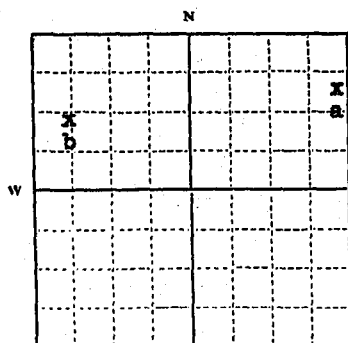
RECEIVED
NOV 20 1963
STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater both about 1961Angelo CrisafulliOwner Joe. Frank, & / Address Glendive, MontanaContractor (if any) A-none B-Art DanielsAddress of Contractor Glendive, MontanaDate Started Oct. 1, 1962 Date Completed Oct. 3, 1962

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable.

Both by gravity system

B- NW 16 55
a- 1/4 NE Sec 16 T. 16 R. 55

Indicate point of appropriation and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use.

Both 10 gallons per minute and usedyear around

Joe. Frank, and Angelo Crisafulli
Signature of Owner

Date November 18, 1963

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

285849

STATE OF MONTANA
County of Dawson

Filed for record this 19th day of
November A. D. 1963, at
9:00 o'clock A.M.

Gordon H. Russell
County Clerk and Recorder.

By Alice Austin Deputy.

Fee pd. #20

18

File No.

T 16 R 55 E

DUPLICATE

County Dawson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 14 1964

Notice of Completion of Groundwater Appropriation
Without Well

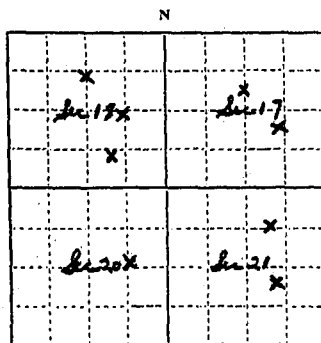
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater when acquiredOwner John C Horst Address Edenline Mont

Contractor (if any)

Address of Contractor

Date Started Date Completed

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. water comes to surfacefrom natural springs

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use

each spring is capable of furnishing
water for one hundred head of
or more cattle per day the
year around.

Signature of Owner John C HorstDate Dec 31-1963

This form to be prepared by contractor (if any), otherwise by the owner.

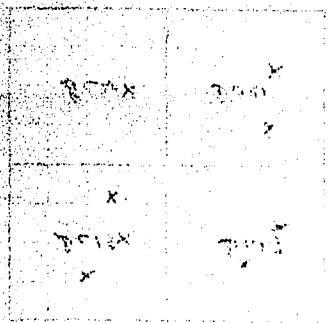
Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

32069

217 132E
12-11-50-21



286964

STATE OF MONTANA
County of Dawson

Filed for record this 31st day of
December A. D. 1963, at
4:30 o'clock P.M.

Harold W. Russell
County Clerk and Recorder.

By _____ Deputy.

MONTANA WATER RESOURCES BOARD
RECEIVED
JAN 9 1969

File No. _____

T. 16N. R. 55E

DUPLICATE

County Blaine Dawson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground _____

(Elev. above sea level 2400)

**Notice of Completion of Groundwater
Appropriation by Means of Well**

(Under Chapter 237, Montana Session Laws, 1961)

Dawson County Municipal Airport

Owner _____ Address Glendive, Mont.

Driller Beone Whitmer & Sons Address Wolf Point, Mont.

Date of Notice of Appropriation of Groundwater 12/21/68

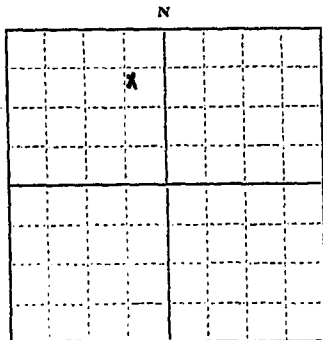
Date well started 12/1/68 Date Completed 12/21/68

Type of well Drilled Equipment Used Spudger
(dug, driven, bored or (Churn, drill, rotary or
drilled) other)

Water Use: Domestic ☐ Municipal ☐ Other ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Stock ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
5" 6"	5 1/2" O.D. 65/8" O.D.	0	90 38			



NE 1/4 NW Sec. 19 T. 16N. R. 55E
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well 54 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 90 feet at 6 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested Bailer Length of Test 3 hours

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation) _____

Notes: This plateau of approximately 16 square miles has a dry gravel for drift. The waters of this aquifer is being drained into lower aquifers by hundreds of shot holes.

Driller's License Number 83

Driller's Signature [Signature]

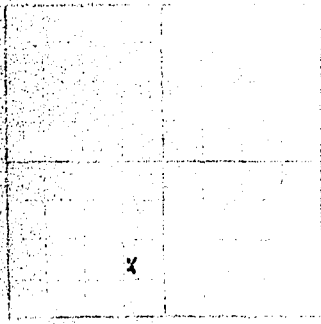
This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

44,902

STATE OF MONTANA
COUNTY OF DAWSON
FILED FOR RECORD THIS 8th day of
January A D 19 69 at
3:15 o'clock P M.
By Patricia J. Russell
County Clerk & Recorder



304979
304979

STATE OF MONTANA
County of Dawson
Filed for record this 8th day of
January A D 19 69 at
3:15 o'clock P M.
By Patricia J. Russell
County Clerk & Recorder

STATE OF MONTANA, } ss.
County of Dawson.

Document No. 278025 1610-550

I HEREBY CERTIFY That the foregoing instrument was filed for record this 29th

day of December A. D., 1961 at 4:30 o'clock P. M. and is duly

recorded in Book D-5 Page Water Rights

Fee Paid \$4.00

Gordon W. Russell
Clerk and Recorder

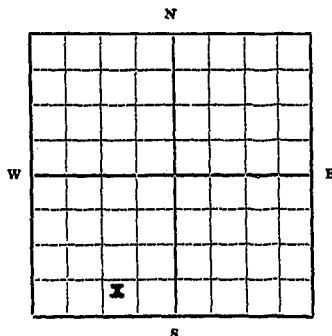
Return To State Engineer

Address Helena, Montana

1M 12-59 23030

By Alice Justhy Deputy

Notes:



SE 1/4 SW 1/4 Sec. 21, T. 16 R. 55

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based
Stockwater

3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been
1942

4. The amount of groundwater claimed (in miner's inches or gallons
per minute) 7 gallons per min

5. If used for irrigation, give the acreage and description of the
lands to which water has been applied and name of the owner
thereof
None

6. The means of withdrawing such water from the ground and the
location of each well or other means of withdrawal
Electric Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater 1942

8. The depth of water table 60 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any
other works for the withdrawal of groundwater
172 feet 4 inch casing

10. The estimated amount of groundwater withdrawn each year 400,000 gals.

11. The log of formations encountered in the drilling of each well if available
Not available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including
reference to book and page of any county record.
None

Signature of Owner

John C. Hark

Date December 29, 1961

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is
located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines
and Quadruplicate for the Appropriator.

1052

File No.

DUPLICATE

T. 16 N. R. 55 E. 21

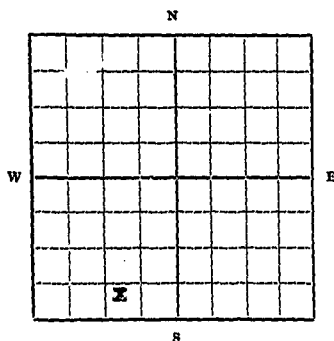
County. Dawson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
JAN 4 1962
STATE ENGINEER

1. John C. Horst, of 210 W. Towne Glendive
(Name of Appropriator) (Address) (Town)
County of Dawson State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 SW 1/4 Sec. 21, T. 16 R. 55
Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based Stockwater
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1942
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 7 gallons per min
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof None
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric Pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1942
8. The depth of water table 60 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 172 feet 4 inch casing
10. The estimated amount of groundwater withdrawn each year 400,000 gals.
11. The log of formations encountered in the drilling of each well if available Not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None

Signature of Owner John C. Horst

Date December 29, 1961

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

1052

File No.

T. 16N R. 55E

DUPLICATE

County. Dawson

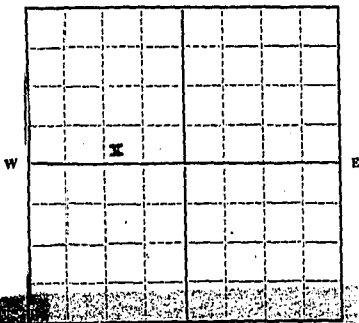
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
FEB 20 1962
STATE ENGINEER

1. Cottonwood Country Club of Glendive
(Name of Appropriator) (Address) (Town)
County of Dawson State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 NW Sec. 22 T16N R55E

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based. Normal
Country Club house use.

3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been. June, 1961 continuous to
present.

4. The amount of groundwater claimed (in miner's inches or gallons
per minute). 30 gals./min.

5. If used for irrigation, give the acreage and description of the
to which water has been applied and name of the owner. N/A

6. The means of withdrawing such water from the ground and the
location of each well or other means of withdrawal. Submersible pump

7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater. June, 1961

8. The depth of water table. 350' approximately

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other
works for the withdrawal of groundwater.

410 - 6" O.D. casing
TD - 410'

10. The estimated amount of groundwater withdrawn each year. 800,000 gals.

11. The log of formations encountered in the drilling of each well if available.

Well producing from the Colgate Sand.

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including
reference to book and page of any county record.

N/A

Signature of Owner. Cottonwood Country Club

W. J. McDonald, Jr.
Date. February 19, 1962

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is
located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau
of Mines and Geology, and Quadruplicate for the Appropriator.

278760

STATE OF MONTANA
County of Dawson

Filed for record this 19th day of
May A. D. 1962, at
3:00 o'clock P.M.

Lordon W. Russell
County Clerk and Recorder.

By Alice Austhy Deputy.

Fee pd. \$ 2.00

22

T. 16 N R. 53 E
County DAWSON

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

X		

Owner COTTONWOOD CO. CLUB Address Glendive

Driller ADKISON WATER WELL DR. Address Glendive

Date Started 5-20 Date Completed 5-23

Location: Sec. 22 T. 16 N R. 53 E $\frac{1}{4}$ sec. SE 1/4 of NW 1/4

Type of well Drilled (Dug, driven, bored, or drilled) Equipment used Rotary (Churn drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other: _____

Casing: 231 ft. to _____ ft. Type _____ Size _____

Casing: 0 ft. to 231 ft. Type used line Size 6 3/8

Casing: _____ ft. to _____ ft. Type _____ Size _____

Perforated or Screened: Ft. 210 to ft. 230 Ft. _____ to ft. _____

Type of screen or perforations 3 inch slots

Static Water level, for non-flowing well: 100' feet.

Shut-in pressure, for flowing well: _____ lb./sq. in. on: _____ (date)

Pumping water level 125' feet at 20 gal. per min.

How tested: Drilled

Length of test 3 Hrs.

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

Well seal @ 120'

(over)

Log of Well

Depth, feet		Description of Material Drilled
From	To	
0	2	fill
2	8	firm sand
8	13	Hard rock
13	24	Brown sand
24	45	Clay
45	50	Sandy Clay
50	59	blue sand small amount of water
59	142	Clay & tr. of coal
145	145 1/2	rock - tr. fine sand
145 1/2	178	Clay
178	188	Sandy clay
188	217	Sand & Clay str.
217	225	sand
222	231	Clay

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—45805

File No. _____

DUPLICATE

LOG

0 Top of Ground
 3 > overburden
 (Elev. above sea level.....)
 6 > hard pan
 6 > sandy clay
 38 > grey shale
 93 > water sand
 95 3 gal. a min.
 95 > grey shale
 118 > water sand
 140

Notice of Completion of Groundwater Appropriation by Means of Well DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

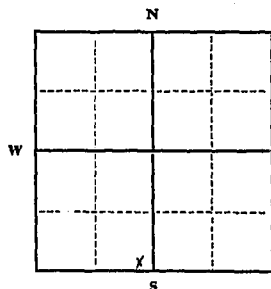
Owner Crisafulli Bros Address Box 1051Driller C H Starn Address Box 1183-80

Date of Notice of appropriation of groundwater _____

Date well started Aug 1-69 Date completed Aug 5-69Type of well drilled Equipment used Cabletool
 (Dug, driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
 Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
5 1/2"	4 1/4"	0	118'			
10 7/8"	8"					
4"						
10 7' to 140'	per ft					



Static Water Level for non-flowing well _____ feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level _____ feet

at _____ gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested BaillerLength of Test 2 hrs

Remarks: (Gravel packing, cementing, packers, type of shutoff) _____

SE 1/4 SW 22 T. 16. R. 55
 Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Shut-in Internal 4'

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

140 Show exact depth of bottom.

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

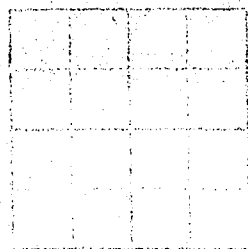
Please answer all questions. If not applicable, so state, otherwise the form will be returned.

168 Driller's License Number

C H Starn Driller's Signature.

45624

in witness whereof the seal of the State of Montana is hereunto set at the City of Helena, Montana, this 10th day of September, 1969.



14/1/1969
10
100
100

SEP 11 1969

RECEIVED
MONTANA WATER RESOURCES BOARD

307277

STATE OF MONTANA
County of Dawson
Filed for record this 10th day of
September A. D. 1969 at
10:25 o'clock P. M.
Dorothy Russell
County Clerk & Recorder
Patricia J. Peterson Deputy

GW 2

File No.

DUPLICATE

LOG

Top of Ground
(Elev. above sea level.....)

0 7 overburden
3
37 Hard pan
6
6 sandy clay
38
38 gravel
45
45 grey shale
75
45 water sand.
82 3 gal per min.
82 grey shale
105
105 dark shale
123
123 water sand
143
143 grey shale
144

Crisafulli

Approved Stock Form—State Publishing Co., Helena, Montana—46805

T 16N R 55E

County

Dawson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

Notice of Completion of Groundwater
Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

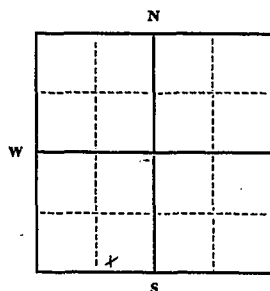
Owner Crisafulli Bros. Address Glendive, MONT.Driller C H Starr Address Box 1183-El

Date of Notice of appropriation of groundwater.....

Date well started Aug 5-69 Date completed Aug 14-69Type of well drilled Equipment used Cable tool
(Dug, driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
5 1/2"	6"	0	46'			
11 1/2"	4 1/4"	0	144'			
4"	8#					
11 1/2" to 144'	per ft					
32'						

Static Water Level for non-flowing well..... 62 feet.

Shut-in Pressure for Flowing Well.....

Pumping Water Level..... 95 feetat..... 12 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested..... BailedLength of Test..... 2 hrs

Remarks: (Gravel packing, cementing, packers, type of shutoff).....

Gravel Internal 4'

SE 1/4 Sec. 22 T. 16. R. 55

Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

144 Show exact depth of bottom.

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

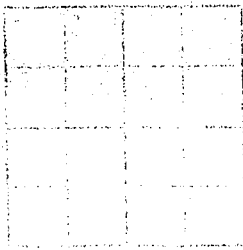
Please answer all questions. If not applicable, so state, otherwise the form will be returned.

168 Driller's License Number

C H Starr Driller's Signature.

45625

The undersigned, being duly sworn, depose and say that the within and foregoing is a true and correct copy of the original as the same appears from the records of the County of Dawson, State of Montana.



The undersigned, being duly sworn, depose and say that the within and foregoing is a true and correct copy of the original as the same appears from the records of the County of Dawson, State of Montana.

SEP 11 1969

RECEIVED
 MONTANA WATER RESOURCES BOARD

307278

STATE OF MONTANA
 County of Dawson

Filed for record this 10th day of
Sept A. D. 19 69 at
9:25 o'clock A M.
Dorinda M. Russell
 County Clerk & Recorder
 by Patricia Peterson Deputy

DECEMBER

File No. _____

T. 16 R. 55

DUPLICATE

County Dawson

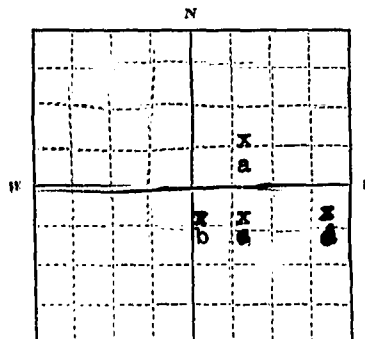
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
NOV 20 1963

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Mary & Joe Crisafulli & Sons, of Glendive
(Name of Appropriator) (Address) (Town)
County of Dawson State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



A NEQ 22 16 55
BCD 1/4 SE 22 T 16 R 55

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based Stock
Water, and Residential, and irrigation water

3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been May, 1929 and continuously thereafter.

4. The amount of groundwater claimed (in miner's inches or gallons
per minute) 300 gallons per minute
A-100 gal. B, C, D, -35 gal. per minute.

5. If used for irrigation, give the acreage and description of the lands
to which water has been applied and name of the owner thereof
150 acre on the NE 1/4, NW 1/4, and the SE 1/4
and the of Sec. 22-15-55

6. The means of withdrawing such water from the ground and the
location of each well or other means of withdrawal
a-shallow well pump b, c, d, -deep jet well pump

7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater May 1929

8. The depth of water table vary from 8 feet to 150 feet deep

9. So far as may be available, the type, size and depth of each well or the general specifications of any other
works for withdrawal of groundwater
A-shallow pump about 100 gallon per minute
b, c, d, -pump about 35 gallons per minute

10. The estimated amount of groundwater withdrawn each year 150 acre ft. per year

11. The log of formations encountered in the drilling of each well if available
not available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including
reference to book and page of any county record
none

Mary and Joe Crisafulli & Sons

Signature of Owner

Date November 18, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is
located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau
of Mines and Geology, and Quadruplicate for the Appropriator.

285843

285843

STATE OF MONTANA
County of Dawson

Filed for record this 19th day of
Nov A. D. 1903, at

9:00 o'clock A. M.

London W. Russell
County Clerk and Recorder.

By Oliver Austby Deputy.

Fee pd. \$ 2.00

File No.

T. 16 R. 55

DUPLICATE

County Dawson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
NOV 20 1963

STATE ENGINEER

**Notice of Completion of Groundwater Appropriation
Without Well**

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater about 1923Owner Mary CrisafulliOwner Joe Crisafulli Address Glendive, Montana

(Frank and Angelo Crisafulli)

Contractor (if any) none

Address of Contractor

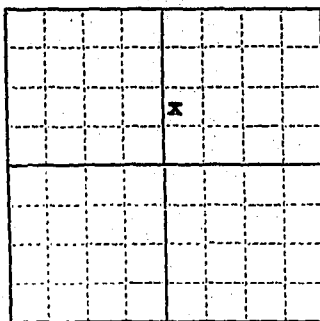
Date Started..... Date Completed.....

Describe means of obtaining groundwater without a well "as by
sub-irrigation and other natural processes". Include depth to
water when applicable.....

Flowing spring and comes out of the bank

Quantity of water developed and used with explanation of method
used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use.....

used year around1/4 NE Sec 22 T16 R55Indicate point of appropriation
and place of use, if possible.

Mary, Joe Crisafulli and Frank and Angelo Crisafulli
Signature of Owner Joe Crisafulli

Date November 18, 1963

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and. Quadruplicate for the Appropriator.

285842

STATE OF MONTANA
County of Dawson

Filed for record this 19th day of
Nov A. D. 1963, at

9:00 o'clock A.M.

Landon W. Russell
County Clerk and Recorder.

By Alice Anstey Deputy.

Fee pd. \$ 2.00

T. 16 R. 55 22
County Dawson

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED

WATER WELL LOG

STATE ENGINEER

Owner Ed Hostetter Address Glendive Mont
Driller H J Gavin Address Lindsay Mont
Date Started Sept. 15 - 1960 Date Completed Sept. 20 - 1960
Location: Sec. 22 T. 16 R. 55 1/4 sec. S.W.

Type of well drilled Equipment used churn
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other:

Casing: 0 ft. to 154 ft. Type plastic Size 4"

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 75 to ft. 154 Ft. to ft.

Type of screen or perforations 5" round holes in casing, factory made

Static Water level, for non-flowing well: 90 feet

Shut-in pressure, for flowing well: lb./sq. in. on: (date)

Pumping water level 100 feet at 6 gal. per min.

How tested: slush bucket

Length of test: two hours

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

Log of Well

[illegible]

Form No. 18
8-60

22

T. 16 R. 55

County DAWSON

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner Ed Kostetler Address Glendive, Montana

Driller H. J. Gavin Address Lindsay, Montana

Date Started Sept. 15, 1960 Date Completed Sept. 20, 1960

Location: Sec. 22 T. 16 R. 55 $\frac{1}{4}$ sec. S.W.

Type of well drilled Equipment used churn
(Dug, driven, bored, or drilled) (Churn, drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other _____

Casing: 0 ft. to 154 ft. Type plastic Size 4"

Casing: _____ ft. to _____ ft. Type _____ Size _____

Casing: _____ ft. to _____ ft. Type _____ Size _____

Perforated or Screened: Ft. 75 to ft. 154 . Ft. _____ to ft. _____

Type of screen or perforations $\frac{1}{2}$ " round holes in casing, factory made

Static Water level, for non-flowing well: 90 feet.

Shut-in pressure, for flowing well: _____ lb./sq. in. on: _____
(date)

Pumping water level 100 feet at 6 gal. per min. _____

How tested: slush bucket

Length of test two hours

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

Log of Well

[illegible]

W 3

Approved Stock Form—State Publishing Co., Helena, Montana—35089

File No.

T. 16 R. 55

DUPLICATE

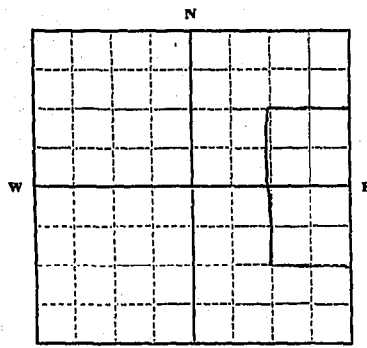
County Beaumont

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
AUG 20 1963

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1947Owner Ruth Christead Address Box 655Contractor (if any) none - all naturalAddress of Contractor noneDate Started Date Completed Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Springs along

creek before sub-irrigation
and after sub-irrigation
for livestock - all surface
springs

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use. Springs

run in creek and when
been pumping with pump
that pumps about 10 gal per
minute

Signature of Owner Ruth ChristeadDate July 18-63

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

5441

284740

STATE OF MONTANA
County of Dawson

Filed for record this 19th day of

Aug A. D. 1962, at

9:00 o'clock A. M.

Gordon W. Russell
County Clerk and Recorder.

By Alice Austhy Deputy.

For pd. \$ 2.00

284740

File No.

T. 16 R. 55

DUPLICATE

County Dawson

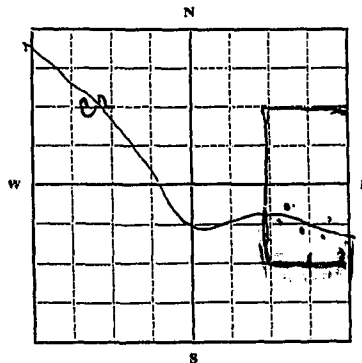
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
AUG 20 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Rich Christad, of Box 655 Glendine
(Name of Appropriator) (Address) (Town)
County of Dawson State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 SE 4, Sec. 22, T. 16, R. 55, S. 20-80 ac.

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based. home use,
brush, garden, livestock

3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been. 1947 continuously

4. The amount of groundwater claimed (in miner's inches or gallons
100 miner's inches
or 100 gpm)

5. If used for irrigation, give the acreage and description of the lands
to which water has been applied and name of the owner thereof
Therapeutic Irrigation lands

6. The means of withdrawing such water from the ground and the
location of each well or other means of withdrawal.
Pressure pump

7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater. 1947

8. The depth of water table. 40 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other
works for the withdrawal of groundwater. Drilled well, 5 inch casing
depth 65 feet

10. The estimated amount of groundwater withdrawn each year. 3,000,000 gal per yr.

11. The log of formations encountered in the drilling of each well if available.
Calgate Sand, only formation available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including
reference to book and page of any county record. none

Signature of Owner Rich ChristadDate July 18, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is
located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau
of Mines and Geology, and Quadruplicate for the Appropriator.

284741

~~284741~~
741

STATE OF MONTANA
County of Dawson

Filed for record this 19th day of

Aug. A. D. 1963, at
9:00 o'clock A.-M.

Gordon W. Russell
County Clerk and Recorder.

By Oliver Quastley Deputy.

Fee pd. 2.00

File No.

MONTANA WATER RESOURCES BOARD

T. 16N R. 55E

DUPLICATE

RECEIVED

LOG

APR 11 1969

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Top of Ground

Elev. above sea level

Notice of Completion of Groundwater

Appropriation of Water of Well

DEVELOPED JANUARY 1, 1968

(Under Chapter 237, Montana Session Laws, 1961)

0-40 Yellow Gravel Sand

40-100 DK. Blu Gumbo

100-130 DK. Blu. Gumbo
with Sandstone
Stringers

130-140 Gray Sandstone

140-147 Gumbo

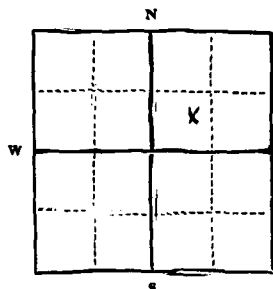
Owner Ellis B. Wyman Address GlendiveDriller Joe Johnson Address Terry

Date of Notice of appropriation of groundwater

Date well started 12/20/68 Date completed 12/24/68Type of well Drilled Equipment used Cable Tool
(Dug, driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
5 5/8"	4 1/2 O.D. 10 #/ft.	0	147	Holes 3 1/8"	110	147

Static Water Level for non-flowing well 100 feet

Shut-in Pressure for Flowing Well

Pumping Water Level 128 feet
at 10 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested BailerLength of Test 1 hr.

Remarks: (Gravel packing, cementing, packers, type of shutoff)

NE 1/4 Sec. 22, T. 16N R. 55E
Indicate location of well and place of use, if possible. Each small square represents 40 acres.Casing is Cemented at 100'

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

RESIDENTIAL TRACT "C" 1.50 ACRE

Show exact depth of bottom.

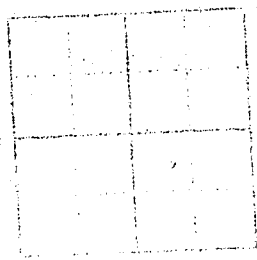
This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

154
Driller's License NumberJoe Johnson
Driller's Signature

45,133

100-111 1500 10
 100-120 1000 1000
 100-100 1000 1000
 0-10 1000 1000



100-111 1500 10
 100-120 1000 1000
 100-100 1000 1000
 0-10 1000 1000

100-111 1500 10
 100-120 1000 1000
 100-100 1000 1000
 0-10 1000 1000

100-111 1500 10
 100-120 1000 1000
 100-100 1000 1000
 0-10 1000 1000

305885

STATE OF MONTANA
 County of Dawson
 Filed for record, this 10 day of
April A.D. 1969 at
1:15 o'clock P.M.
John H. [Signature]
 County Clerk & Recorder
 By John H. [Signature] Deputy

DRILLER'S LOG

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

(Under Chapter 237 K-9 Antenna Session Laws, 1961, as amended)

Owner **AMERICAN OIL COMPANY**

Address **BILLINGS, MONTANA**

For Administrator's Use

File 312719
June 10, 1971
4:15 PM

Date well started 5/14/71

GW 1

completed 5/14/71

Type of well Drilled

(Dug, driven, bored or drilled)

Equipment used Air Rotary

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

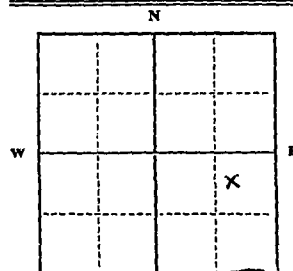
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

***Describe**

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7"	6" ID	0	24	N O	N E	
6"	5" OD Plastic	20	80	Slots 1/8"	60	80



Static water level 35 ft.*
Pumping water level 63 ft.*
at 10 gallons per minute,
measured 60 minutes after pumping
began.

*Measured from ground level.

Well developed by Air

for 1 hours.

Power..... Pump..... HP

Remarks: (Gravel packing, cementing)

packers; type of shutoff)

4' of lap

NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 27

T. 16 N R. 53 E

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.
EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature

Driller's Address Joe Johnson

~~Mr. Terry~~, Terry, Montana

LICENSE NO. 154

80 Show exact depth ~~of~~ bottom

48.592

312919

STATE
COUNTY OF MONTANA
County of Dawson
Filed for record this 10th day of
June A. D. 1921 at
4:15 o'clock P M
County Clerk
By Johnnie Peterson Deputy

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Dawson Co

Address Box 281

Glendive, Mont 59120

Date well started 6-5-70 GW 1

completed 6-17-70

Type of well Drilled

Equipment Table Drill

Water Use ☒ Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐

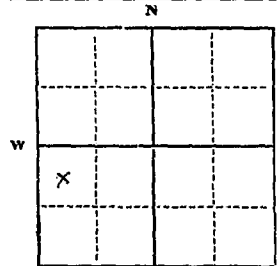
☐ Industrial ☐ Other ☐ Garden/Lawn ☐

*Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL 62,000 gallons

Size of Pump Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
4"	4" 11# ft	0	98			



NW 1/4 SW 1/4 Sec. 23
T. 16 N. R. 15 E.

Static water level 32 ft.*
Pumping water level 20 ft.*
at 12 gallons per minute,
measured 12 minutes after pumping
began.

*Measured from ground level.
Well developed by drilling
for 4 hours.

Power Pump HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff)

Gravel packed
10' up in casing
from bottom

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.
EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature

Driller's Address

Montana LICENSE NO. 168

T16N-R55E 23
County Dawson

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground

From (Feet)	To (Feet)	
0	15	Asphalt
15	30	Gravel sand
30	45	Clay
45	60	Gravel sand
60	75	Clay
75	90	Gravel sand
90	103	dk water sand

103 Show exact depth of bottom

474108

[Faint, illegible text from bleed-through]

[Handwritten marks and stamps, including "O" and "H"]

[Circular stamp containing the word "RECEIVED"]

[Rectangular stamp containing the date "JUN 1968"]

310641

STATE OF MONTANA

County of Dawson *25th*
Filed for record this *25th*

Filed for record this 22 day of August A. D. 19 70 at

10:30 o'clock P M.
Verlen W. Russell

County Clerk & Recorder

By _____ Deputy

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Reed

Address Box 1183

Glendive, Montana

Date well started 6-5-70 GW 1

completed 6-17-70

Type of well Drilled

Equipment used Table Drill

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

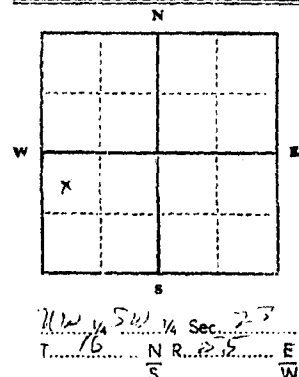
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL 62,000 gallons

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS
<u>4"</u>	<u>4"</u> <u>11#</u> <u>ft</u>	<u>0</u>	<u>98</u>	Kind Size From (Feet) To (Feet)



Static water level 32 ft.*
Pumping water level 70 ft.*
at 17 gallons per minute,
measured 4 minutes after pumping
began.

*Measured from ground level.
Well developed by balling
for 4 hours.

Power 4 HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff)

Gravel packed
10' up in casing
from bottom

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.
EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature C.H. Horn

Driller's Address Box 1183 - Glendive

Montana LICENSE NO. 168

County Dawson

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground		(Elev. above sea level)
From (Feet)	To (Feet)	
<u>0</u>	<u>8</u>	<u>Sandy</u>
<u>8</u>	<u>15</u>	<u>Gravel</u>
<u>15</u>	<u>30</u>	<u>Gravel sand</u>
<u>30</u>	<u>32</u>	<u>Shale</u>
<u>32</u>	<u>39</u>	<u>Gravel water sand</u>
<u>39</u>	<u>67</u>	<u>Shale</u>
<u>67</u>	<u>70</u>	<u>Water sand</u>
<u>70</u>	<u>72</u>	<u>Shale</u>
<u>72</u>	<u>85</u>	<u>Shale</u>
<u>85</u>	<u>86</u>	<u>Sandy " little water</u>
<u>86</u>	<u>98</u>	<u>" "</u>
<u>98</u>	<u>103</u>	<u>dk water sand</u>

103 Show exact depth of bottom

2/4/108

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

For Administrator's Use

File 310641

August 25, 1970

GW 1

completed 6-17-70

Type of well Drilled (Pne. driven, bored or drilled)

Equipment used Gable Tool
(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

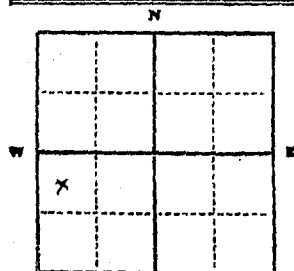
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

***Describe**

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL 62,000 gallons

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
4"	4" 11# ft	0	98			



Static water level 32 ft.*
Pumping water level 70 ft.*
at 12 gallons per minute,
measured minutes after pumping
began.

*Measured from ground level.
Well developed by tailings
for 4 hours.

Power..... Pump..... HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff).....

Yusuf passed
10' up in casing
from bottom

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.
EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature

Driver's Address Box 1183 - Glendine
Montana LICENSE NO. 168

LICENSE NO. 108

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground

(Elev. above sea level)

From (Feet)	To (Feet)	
0	8	Sandy
8	15	gravel
15	30	Gravel sand
30	32	Gravel
32	39	grey water sand
39	67	Gravel
67	70	water sand
70	73	rocks
73	82	shale
82	98	Sandy " little water
98	98	" "
98	103	dk water sand

103

Show exact depth of bottom

217408

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Kenneth Haug
Address Blondie Mont.

For Administrator's Use	
File	<u>319094</u>
Date	<u>April 9, 1973</u>
Time	<u>2:35 p.m.</u>

Date well started 3-26-70
completed 4-2-70

Type of well Drilled
(Dys. driven, bored or drilled)

Equipment used Churn Drill
(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

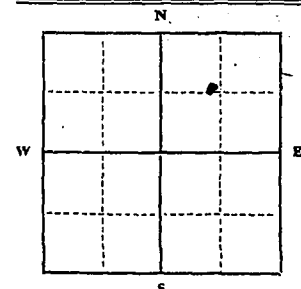
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

*Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
4"	70D 24 lbs Steel	0'	24'	2" to 4" X 1"	105'	123'
5"	5" ID 17 lbs Steel	2'	123'			



1/4 Sec. 34
T. 16N. R. 55E. S. 34

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature Robert W. Haggerty

Driller's Address C.B. RT. Blondie Mont.

LICENSE NO. 65

County Dawson
T16N-55E
DRILLER'S LOG

RECEIVED
APR 10 1973

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground (Elev. above sea level)

From (Feet)	To (Feet)	
0	22'	Gravel
22	52'	Yellow Clay
52	105'	Gray & Brown Clay, mixed
105	123'	Sand

Static water level 85' ft.*
Pumping water level 110' ft.*
at 6 gallons per minute,
measured 2 minutes after pumping began.
*Measured from ground level.
Well developed by Drilling
for 2 hours.
Power Pump HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

123' Show exact depth of bottom

319094
319094

STATE OF MONTANA

County of Dawson 9th day of
Filed for record this April A.D. 1913 at
2.35 o'clock P. M.
Andrew W. Russell
County Clerk & Recorder
By Bernard Kiger Deputy
Fee \$2.00 pd

File No. _____
 STATE WATER CONSERVATION BOARD
 DUPLICATE

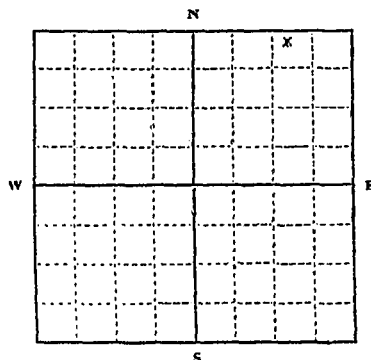
T. 16 R. 55
 County Dawson

Billings _____
 Butte _____
 Co. _____
 Dickinson _____
 Dicker _____
 Helena _____
 Missoula _____
 Mullan _____
 Park _____
 Sidney _____
 State of MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Eugene S. Aby of Box 397 Glendive, Montana
 (Name of Appropriator) (Address) (Town)
 County of Dawson State of Montana
 have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 NE Sec. 25 T. 16 R. 55

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based. Household and Stock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. About 1948
4. The amount of groundwater claimed (in miner's inches or gallons per minute). 10 gals per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. None
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Electric Jet Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1948
8. The depth of water table. unknown
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. Depth 96 feet, 4 inch casing
10. The estimated amount of groundwater withdrawn each year. 100,000 Gallons
11. The log of formations encountered in the drilling of each well if available. Unknown
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. Unknown

Signature of Owner Eugene S. Aby

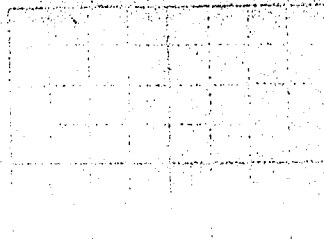
Date December 31, 1965

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

40302



294716

STATE OF MONTANA

County of Dawson 31st

Filed for record this 31st day of

Dec. A. D. 1965 at

4:10 o'clock P. M.

Gordon W. Russell

County Clerk & Recorder

By Alice Anstey Deputy

See pag. 2nd

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Herard J. Millner

Address Box 451

Glendine Mont 59330

Date well started 10-15-71

completed 10-20-71

Type of well drilled
(Dug, driven, bored or drilled)

Equipment used Cable Tool
(Cable drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

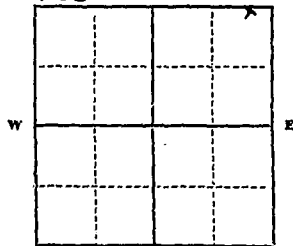
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

*Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
5" to 118'	4" 11# per ft.	0	145			
4" 40'						
118' to 158'						



E 2 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature C. H. Starn

Driller's Address Box 1183

Glendine LICENSE NO. 168

16N-55E 25
County Dawson

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
0	21	sand
21	30	gravel
30	85	soft sandstone
85	98	gray shale
98	100	red shale
100	108	gray shale
108	135	red shale
135	145	sandy clay
145	148	water sand
148	149	rock
149	156	water sand
156	158	sandy clay

Static water level 127 ft.*
Pumping water level 145 ft.*
at 4 gallons per minute,
measured 60 minutes after pumping began.
*Measured from ground level.
Well developed by balling
for 1 hours.
Power Pump HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

158 Show exact depth of bottom

313852

STATE OF MONTANA

County of Dawson
Filed for record this 28th day of
October A. D. 1971 at
8:35 o'clock P. M.
Barbara W. Russell
County Clerk & Recorder
By _____ Deputy

Heed 1/2 00

File No.

DUPLICATE

RECEIVED
MAY 16 1963

T. 16N R. 55E

County. Dawson

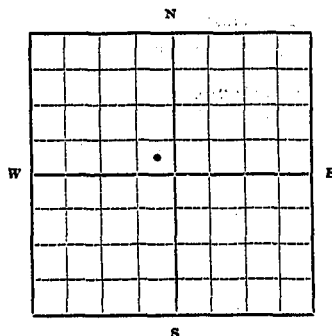
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
APR 5 1963

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Northern Pacific Beneficial Association of Prospect Heights Glendive, Montana
(Name of Appropriator) Hospital, Inc. (Address) (Town)
County of Dawson State of Montana
have appropriated groundwater according to the Montana laws in effect PRIOR TO JANUARY 1, 1962, as follows:



SE. 1/4 NW. Sec. 23 T16N R. 55E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Hospital water supply

3. Date or approximate date of earliest beneficial use; and how continuous the use has been May, 1947

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 60 GPM

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof None

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Turbine Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Started March, 1947. Completed May, 1947

8. The depth of water table 54 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 3 inch drilled well 152 feet deep cased to 130 feet

10. The estimated amount of groundwater withdrawn each year 13,000,000 gallons

11. The log of formations encountered in the drilling of each well if available Log attached

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record Principal use - heating, laundry, cooking and sanitary facilities

Signature of Owner T. Peterson

Date 4/3/63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

4140

STATE OF MONTANA
County of Dawson

9:00 o'clock AM.
Gordon W. Russell
County Clerk and Recorder.

Free pd. #2^{as}

GW

Approved Stock Form—State Publishing Co., Helena, Montana—42234

File No.

T 16 R 55

DUPLICATE

County Dawson

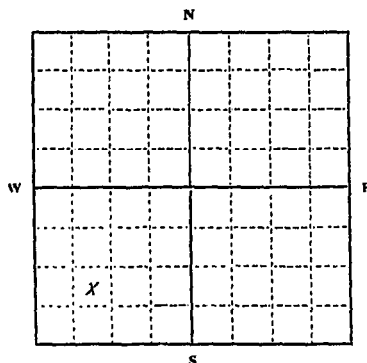
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 14 1964
STATE ENGINEER
STATE OF MONTANA

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. C M DAWE, of Box 170 Glendive
(Name of Appropriator) (Address) (Town)
County of DAWSON State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Sec. 24 T. 16 R. 55

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based keeping day penne clear

3. Date or approximate date of earliest beneficial use; and how continuous the use has been May 1960
Continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 27 GPM

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof

1 acre Garden

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal 1st Pump
Electric powered

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1960

8. The depth of water table 85'

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 4 inch steel casing 90 feet
Total depth

10. The estimated amount of groundwater withdrawn each year 750,000 gals.

11. The log of formations encountered in the drilling of each well if available

12. Such other information of a similar nature as may be required in carrying out the purpose of this act, including reference to book and page of any county record

Signature of Owner

Date Dec 31, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

32042

286937

STATE OF MONTANA
County of Dawson

Filed for record this 31st day of
December A. D. 1963, at
4:30 o'clock P.M.
Gordon W. Russell
County Clerk and Recorder.

By _____ Deputy.

File No. _____

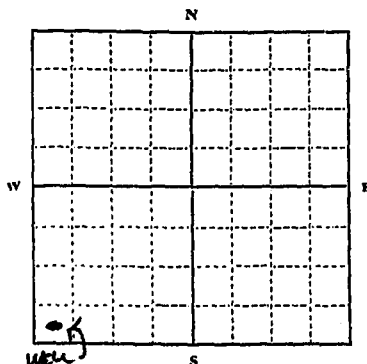
DUPLICATE

T. 16 R. 55 E
County DAWSONSTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 14 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Glendive Plaza, Inc, of Glendive
(Name of Appropriator) (Address) (Town)County of Dawson State of Mont
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

1/4 Sec. 26 T. 16 N. R. 55 E

Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.2. The beneficial use on which the claim is based Commercially
For Business3. Date or approximate date of earliest beneficial use; and how continu-
ous the use has been Originally used for Domestic
For approx. 25 yrs. Before Purchased By this
Appropriator4. The amount of groundwater claimed (in miner's inches or gallons
per minute) 80 gal. per minute5. If used for irrigation, give the acreage and description of the lands
to which water has been applied and name of the owner thereof6. The means of withdrawing such water from the ground and the loca-
tion of each well or other means of withdrawal Pump7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater approx. 25 yrs.8. The depth of water table 10'9. So far as it may be available, the type, size and depth of each well or the general specifications of any other
works for the withdrawal of groundwater 130' Deep 6" Diam.10. The estimated amount of groundwater withdrawn each year Up To 80 gal. Min. Potential11. The log of formations encountered in the drilling of each well if available Not Available12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including
reference to book and page of any county record.Signature of Owner Glendive Plaza, Inc.
Ziggy H. [unclear]
Date 12-31-63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of
Mines and Geology, and Quadruplicate for the Appropriator. 32053

1. The purpose of this document is to provide a record of the proceedings of the Board of Directors of the [illegible] Company, for the year ending December 31, 1963.

2. The Board of Directors met on [illegible] at [illegible] to discuss the business of the Company.

3. The Board of Directors considered and approved the following resolutions:

4. That the Board of Directors authorize the [illegible] to execute and deliver all documents necessary to carry out the business of the Company.

5. That the Board of Directors authorize the [illegible] to execute and deliver all documents necessary to carry out the business of the Company.

6. That the Board of Directors authorize the [illegible] to execute and deliver all documents necessary to carry out the business of the Company.

7. That the Board of Directors authorize the [illegible] to execute and deliver all documents necessary to carry out the business of the Company.

8. That the Board of Directors authorize the [illegible] to execute and deliver all documents necessary to carry out the business of the Company.

9. That the Board of Directors authorize the [illegible] to execute and deliver all documents necessary to carry out the business of the Company.

10. That the Board of Directors authorize the [illegible] to execute and deliver all documents necessary to carry out the business of the Company.

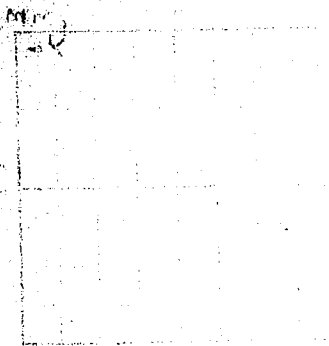
11. That the Board of Directors authorize the [illegible] to execute and deliver all documents necessary to carry out the business of the Company.

12. That the Board of Directors authorize the [illegible] to execute and deliver all documents necessary to carry out the business of the Company.

13. That the Board of Directors authorize the [illegible] to execute and deliver all documents necessary to carry out the business of the Company.

14. That the Board of Directors authorize the [illegible] to execute and deliver all documents necessary to carry out the business of the Company.

15. That the Board of Directors authorize the [illegible] to execute and deliver all documents necessary to carry out the business of the Company.



16. That the Board of Directors authorize the [illegible] to execute and deliver all documents necessary to carry out the business of the Company.

17. That the Board of Directors authorize the [illegible] to execute and deliver all documents necessary to carry out the business of the Company.

18. That the Board of Directors authorize the [illegible] to execute and deliver all documents necessary to carry out the business of the Company.

19. That the Board of Directors authorize the [illegible] to execute and deliver all documents necessary to carry out the business of the Company.

20. That the Board of Directors authorize the [illegible] to execute and deliver all documents necessary to carry out the business of the Company.

21. That the Board of Directors authorize the [illegible] to execute and deliver all documents necessary to carry out the business of the Company.

22. That the Board of Directors authorize the [illegible] to execute and deliver all documents necessary to carry out the business of the Company.

23. That the Board of Directors authorize the [illegible] to execute and deliver all documents necessary to carry out the business of the Company.

24. That the Board of Directors authorize the [illegible] to execute and deliver all documents necessary to carry out the business of the Company.

25. That the Board of Directors authorize the [illegible] to execute and deliver all documents necessary to carry out the business of the Company.

26. That the Board of Directors authorize the [illegible] to execute and deliver all documents necessary to carry out the business of the Company.

27. That the Board of Directors authorize the [illegible] to execute and deliver all documents necessary to carry out the business of the Company.

28. That the Board of Directors authorize the [illegible] to execute and deliver all documents necessary to carry out the business of the Company.

29. That the Board of Directors authorize the [illegible] to execute and deliver all documents necessary to carry out the business of the Company.

30. That the Board of Directors authorize the [illegible] to execute and deliver all documents necessary to carry out the business of the Company.

31. That the Board of Directors authorize the [illegible] to execute and deliver all documents necessary to carry out the business of the Company.

32. That the Board of Directors authorize the [illegible] to execute and deliver all documents necessary to carry out the business of the Company.

33. That the Board of Directors authorize the [illegible] to execute and deliver all documents necessary to carry out the business of the Company.

34. That the Board of Directors authorize the [illegible] to execute and deliver all documents necessary to carry out the business of the Company.

35. That the Board of Directors authorize the [illegible] to execute and deliver all documents necessary to carry out the business of the Company.

286948

STATE OF MONTANA
County of Dawson

Filed for record this 31st day of
December A. D. 1963, at
4:28 o'clock P.M.
Gordon W. Russell
County Clerk and Recorder.

By _____ Deputy.

File No.

T 16N R 52E

DUPLICATE

County Davison

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER
OFFICE OF STATE ENGINEER

RECEIVED
SEP 23 1963

Notice of Completion of Groundwater
Appropriation by Means of Well ENGINEER

(Under Chapter 287, Montana Session Laws, 1961)

Top of Ground
(Elev. above sea level.....)

0
12
25
38
51
64
77
90
103
116
129
142
155
168
181
194
207
220
233
246
259
272
285
298
311
324
337
350
363
376
389
402
415
428
441
454
467
480
493
506
519
532
545
558
571
584
597
610
623
636
649
662
675
688
701
714
727
740
753
766
779
792
805
818
831
844
857
870
883
896
909
922
935
948
961
974
987
1000

SILT
sand and gravel
layers of shale
water sand

Owner Glenview Plaza Address Glenview, MontanaDriller Russell Chrest Address 602 South Belmont
Glenview Mont

Date of Notice of Appropriation of Groundwater.....

Date well started 9-9-63 Date Completed 9-13-63

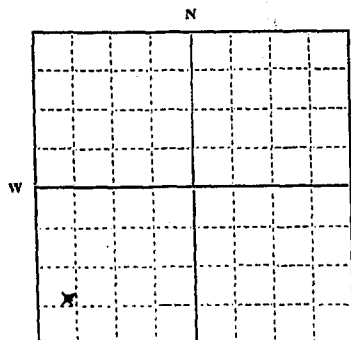
Type of well Drilled Equipment Used SHURN
(dug, driven, bored or (Churn, drill, rotary or
drilled) other)

Water Use: Domestic ☐ NO Municipal ☒ Other ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Stock ☐

Should be

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
9 in	8 in 24 Pounds Per Ft.	0	80 ft.	none		



IN LOT B

1/4 Sec. 26 T.16N R.52E
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

98

Show exact depth of bottom.

Static Water Level for non-flowing Well 23 feet.Shut-in Pressure for Flowing Well NAPumping Water Level 40 feet at 20 gal. per minute.Discharge in gal. per min. of flowing well NAHow Tested Bailer Length of Test 1 hr

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of

acres irrigated, if used for irrigation).....

Well To Be Used For Supply To

Shopping Center

Driller's License Number 116

Russell Chrest
Driller's Signature

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

6020

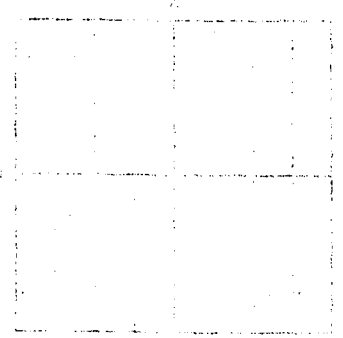
Name of Applicant _____
 Address _____
 City _____
 State _____
 Zip _____
 Date of Birth _____
 Sex _____
 Marital Status _____
 Occupation _____
 Education _____
 Social Security Number _____
 Driver's License Number _____
 Vehicle Identification Number _____
 Year of Vehicle _____
 Make _____
 Model _____
 Color _____
 Description of Vehicle _____
 Reason for Application _____
 Signature of Applicant _____
 Date _____

☐ Investigation ☐ Other ☒ Municipal ☐ Domestic ☐ Industrial
☐ Stock ☐ Exchange ☐ Insurance ☐ Other

I hereby certify that the information furnished above is true and correct to the best of my knowledge and belief, and that I am not aware of any facts which might render the same misleading or incomplete.

EXPERIENCE	EDUCATION	TRAINING	REMARKS

I hereby certify that the information furnished above is true and correct to the best of my knowledge and belief, and that I am not aware of any facts which might render the same misleading or incomplete.



285083

STATE OF MONTANA
County of Dawson

Filed for record this 20th day of
Sept. A. D. 1963, at
10:30 o'clock A.M.

Gordon W. Russell
 County Clerk and Recorder.
 By Alice Austly Deputy.
Fee pd. \$2.00

T. 16N R. 55E

County Dawson

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED

WATER WELL LOG

STATE ENGINEER

	X		

Owner Johnson Construction Address Blended

Driller Adkins Water Well Drilling Address "

Date Started 5-18 Date Completed 5-19-61

Location: Sec. 26 T. 16-N R. 55-E 1/4 sec. NE 1/4 SW 1/4

Type of well Drilled Equipment used Rotary
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other: _____

Casing: 0 ft. to 84 ft. Type Heavy B&K Size 4 1/2

Casing: _____ ft. to _____ ft. Type _____ Size _____

Casing: _____ ft. to _____ ft. Type _____ Size _____

Perforated or Screened: Ft. 76 to ft. 84 Ft. _____ to ft. _____

Type of screen or perforations 2 inch slots

Static Water level, for non-flowing well: 20 feet.

Shut-in pressure, for flowing well: _____ lb./sq. in. on: _____ (date)

Pumping water level 60 feet at 20 gal. per min.

How tested: Bailed

Length of test 2 Hrs.

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

Collar seal @ 60'

(over)

Log of Well

[illegible]

T. 16 N R. 55 N 26
County DAWSON

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

X			

Owner N.C. Well Address Slindville
Driller adison water well dig Address "
Date Started 4-3-61 Date Completed 4-3-61
Location: Sec. 26 T. 16 N R. 55 E sec. 5 W 1/4 SW 1/4

Type of well Drilled Equipment used Rotary
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other: _____

Casing: 0 ft. to 100 ft. Type HV4 BK Size 4 1/2 O.D.
Casing: _____ ft. to _____ ft. Type _____ Size _____
Casing: _____ ft. to _____ ft. Type _____ Size _____

Perforated or Screened: Ft. 90 to ft. 100 ft. _____ to ft. _____

Type of screen or perforations slot & plate

Static Water level, for non-flowing well: 18 feet.

Shut-in pressure, for flowing well: _____ lb./sq. in. on: _____ (date)

Pumping water level: 48 feet at 25 gal. per min.

How tested: Bailed

Length of test: 1 Hr.

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

Collar seal @ 77'

Log of Well

[illegible]

GW2

File No.

DUPLICATE

T. 16-N R. 53-E.

County Dawson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner M. O. Sweet Address Blondike

Driller Adison Water Well Drilling Address Blondike

Date of Notice of Appropriation of Groundwater

Date well started 5-10-63 Date Completed 5-10-63

Type of well Drilled Equipment Used Rotary
(dug, driven, bored or (Churn, drill, rotary or
drilled) other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	4 1/2 x 9 1/2	0	70	1/4" rough slotted	60	70

Static Water Level for non-flowing Well 17 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 18 feet at 25 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested Bailed Length of Test 1 1/2 hrs.

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of

acres irrigated, if used for irrigation)

Metal ring packer @ 17

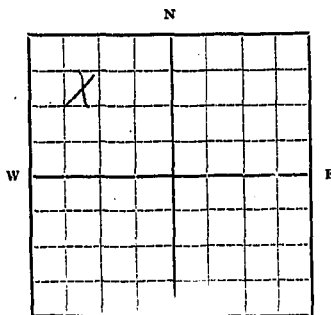
Driller's License Number

Clton Adison
Driller's Signature

Top of Ground

(Elev. above sea level.....)

0-2 fill
2-7 siltstone
7-14 clay
14-24 silty clay
24-25 coal
25-48 clay
48-58 sandy clay
58-70 sand



NW 1/4 Sec. 26 T. 16-N R. 53-E

Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

4390.

Name of Applicant
 Address
 City
 State
 Zip
 Date of Birth
 Date of Marriage
 Date of Death
 Date of Burial
 Date of Interment
 Date of Cremation
 Date of Disposition
 Date of Burial
 Date of Interment
 Date of Cremation
 Date of Disposition

Name of Applicant
 Address
 City
 State
 Zip
 Date of Birth
 Date of Marriage
 Date of Death
 Date of Burial
 Date of Interment
 Date of Cremation
 Date of Disposition

Name of Applicant
 Address
 City
 State
 Zip
 Date of Birth
 Date of Marriage
 Date of Death
 Date of Burial
 Date of Interment
 Date of Cremation
 Date of Disposition

Name of Applicant
 Address
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Name of Applicant
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 State
 Zip
 Date of Birth
 Date of Marriage
 Date of Death
 Date of Burial
 Date of Interment
 Date of Cremation
 Date of Disposition

Name of Applicant
 Address
 City
 State
 Zip
 Date of Birth
 Date of Marriage
 Date of Death
 Date of Burial
 Date of Interment
 Date of Cremation
 Date of Disposition

283640

STATE OF MONTANA
County of Dawson

Filed for record this 16th day of

May A. D. 19 63, at

1:00 o'clock P. M.

Landon W. Russell
County Clerk and Recorder.

By Chris Austhy Deputy.

Fee pd. 2.00

File No. _____

T. 16 R. 55

DUPLICATE

County. Dawson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

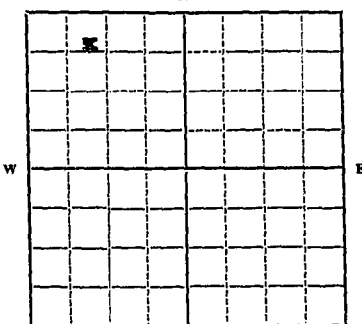
RECEIVED
SEP 24 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Harry Bell, Jr., of P. O. Box 459, Glendive,
(Name of Appropriator) (Address) (Town)
County of Dawson State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Lot 11, Block 5
1/4 Sec. 27, T. 16 R. 55

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based
Household and Garden

3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been January, 1960

4. The amount of groundwater claimed (in miner's inches or gallons
per minute) 70 to 80 gallons (estimated)

5. If used for irrigation, give the acreage and description of the lands
to which water has been applied and name of the owner thereof

No

6. The means of withdrawing such water from the ground and the
location of each well or other means of withdrawal
Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater Jan. 1960

8. The depth of water table 42 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other
works for the withdrawal of groundwater 4" casing 48 ft. bottom 10ft. perforated.

10. The estimated amount of groundwater withdrawn each year 40,000 gallons

11. The log of formations encountered in the drilling of each well if available

Not available

12. Such other information of a ~~sub~~ nature as may be useful in carrying out the policy of this act, including
reference to book and page of ~~the~~ county record

Signature of Owner

Date

Harry Bell Jr.
Sept. 23, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

6036

285102

Harry Bell Jr.

to

The Public

Water Rights

STATE OF MONTANA
County of Dawson

Filed for record this 23rd day of
September A. D. 1963, at
2:00 o'clock P.M.

Forster W. Russell
County Clerk and Recorder.

By _____ Deputy.

Fee pd. \$2⁰⁰

October 1, 1963

State Engineer
Helena
Montana

Dear Sir:

Would you please insert "Second Jefferson School Addition" on the water well form of Harry Bell Jr. The Document No. is 285102 and was filed on the 23rd day of September, 1963.

Very truly yours,
Gordon W. Russell (for)
Gordon W. Russell
Clerk & Recorder

GW

Approved Stock Form—State Publishing Co., Helena, Montana—41338

File No.

T. 16N R. 55E

DUPLICATE

County Dawson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

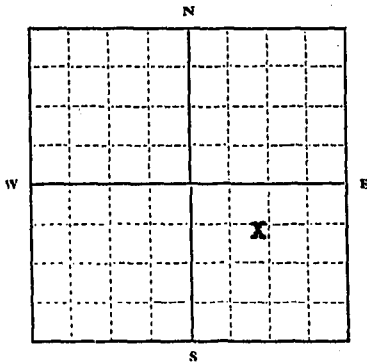
RECEIVED
DEC 16 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Richard P. Garney, of West Glendive, Montana
(Name of Appropriator) (Address) (Town)
County of Dawson State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec. 27 T. 16 R. 55

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based Household use,
and watering lawn and garden.

3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been 1954. Use has been
continuous.

4. The amount of groundwater claimed (in miner's inches or gallons
per minute) 5 gallons per minute

5. If used for irrigation, give the acreage and description of the lands
to which water has been applied and name of the owner thereof
None

6. The means of withdrawing such water from the ground and the
location of each well or other means of withdrawal
Jet pump

7. The date of commencement and completion of the construction of the well, well, or other works for with-
drawal of groundwater 1954.

8. The depth of water table 50 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other
works for the withdrawal of groundwater Drilled well, 200 feet deep with 6" top
casing and 4" lower casing. Unknown if casing goes to bottom of well.

10. The estimated amount of groundwater withdrawn each year 300,000 gallons

11. The log of formations encountered in the drilling of each well if available Unknown

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including
reference to book and page of any county record None

Signature of Owner [Signature]

Date December 12, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is
located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau
of Mines and Geology, and Quadruplicate for the Appropriator.

9170

286228

STATE OF MONTANA
County of Dawson

Filed for record this 12th day of DECEMBER
December A. D. 1963, at
4:30 o'clock P. M.
Hordon H. Russell
County Clerk and Recorder.

By Jaye Schmitt Deputy.

Fee pd \$2.00

File No.

T. 16 R. 55

DUPLICATE

County. Dawson

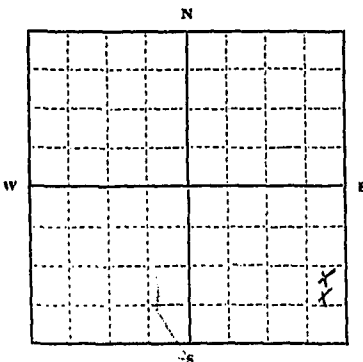
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights DEC 16 1963

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Fred Carpenter of Bloomfield Rt Glendive
(Name of Appropriator) (Address) (Town)
County of Dawson State of Mont.
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec 27 T. 16 R. 55

Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.

2. The beneficial use on which the claim is based. House use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Aug 15, 1956
for House
4. The amount of groundwater claimed (in miner's inches or gallons per minute). 10 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. none
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Aug 15, 1956
8. The depth of water table. 15 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. 4 in hole depth 92 feet
drilled well 4 in hole 35 feet
10. The estimated amount of groundwater withdrawn each year. 100000
11. The log of formations encountered in the drilling of each well if available. none
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. none

Signature of Owner

Fred Carpenter
Date Dec. 12, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

168

2E

286223

STATE OF MONTANA
County of Dawson

Filed for record this 12th day of
December A. D. 1963, at
10:00 o'clock A. M.

Gordon W. Russell
County Clerk and Recorder.

By _____ Deputy.

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

48556

1. The first section of the document is a header section containing the title of the document and the names of the parties involved.

2. The second section of the document is a body section containing the main text of the document.

3. The third section of the document is a body section containing the main text of the document.

4. The fourth section of the document is a body section containing the main text of the document.

5. The fifth section of the document is a body section containing the main text of the document.

6. The sixth section of the document is a body section containing the main text of the document.

7. The seventh section of the document is a body section containing the main text of the document.

8. The eighth section of the document is a body section containing the main text of the document.

9. The ninth section of the document is a body section containing the main text of the document.

10. The tenth section of the document is a body section containing the main text of the document.

11. The eleventh section of the document is a body section containing the main text of the document.

12. The twelfth section of the document is a body section containing the main text of the document.

13. The thirteenth section of the document is a body section containing the main text of the document.

14. The fourteenth section of the document is a body section containing the main text of the document.

15. The fifteenth section of the document is a body section containing the main text of the document.

16. The sixteenth section of the document is a body section containing the main text of the document.

17. The seventeenth section of the document is a body section containing the main text of the document.

18. The eighteenth section of the document is a body section containing the main text of the document.

19. The nineteenth section of the document is a body section containing the main text of the document.

20. The twentieth section of the document is a body section containing the main text of the document.

21. The twenty-first section of the document is a body section containing the main text of the document.

22. The twenty-second section of the document is a body section containing the main text of the document.

23. The twenty-third section of the document is a body section containing the main text of the document.

24. The twenty-fourth section of the document is a body section containing the main text of the document.

312640
 312640

STATE OF MONTANA

County of Dawson

Filed for record this 1st day of

June A D 19 71 at

10:30 o'clock A M.

Charles H. Russell

County Clerk & Recorder

By Arthur J. Hiram Deputy

fee pd \$2.00

MONTANA WATER RESOURCES BOARD
Water Resources Division
Mitchell Building
Helena, Montana 59601

Recently a copy of a groundwater appropriation form,

- ☐ GW 1, Notice of Appropriation of Groundwater
- ☒ GW 2, Notice of Completion of Groundwater Appropriation by means of Well
- ☐ GW 3, Notice of Completion of Groundwater Appropriation without Well
- ☐ GW 4, Declaration of Vested Groundwater Rights (This form is obsolete and was limited by law to use only through 1965)

was forwarded to this office by the County Clerk and Recorder.

This form is identified by

Owner Larry Coons

Address Glendive, Montana 59330

Location T. R. S.

Document No. 312640

☐ This is to inform you that your GW form has been received and is complete as filed.

☒ This is a request for additional information if available. Please complete the enclosed copy by providing information where indicated, or as noted here and return the corrected copy to the Montana Water Resources Board in Helena. Please indicate the location of the well as to township, range and section. Also, please verify ownership name and address. Thank you.

☐ Other.

RECEIVED

MAY 5 1972

MONTANA DEPARTMENT OF NATURAL
RESOURCES AND CONSERVATION

NE 1/4 SW 1/4 Sec. 27
T. 16 N. R. 55 E.
S. W.

Remarks: (Gravel packing, cementing, packers, type of shutoff)

Shovel packed from 60' up to 52'

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.
EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature C H Starr

Driller's Address _____

LICENSE NO. 168

60' Show exact depth of bottom

98556

RECEIVED

DRILLER'S LOG
Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sand, etc. Show depth at which water was found and height to which water rises in well.

NOTICE OF COMPLETION OF GROUNDWATER APPRIATION BY MEANS OF WELL

Under Chapter 237 Montana Session Laws, 1961, as amended

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.
Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Yury Brown
Address Blondine Mt.
Box 294

For Administrator's Use	
File	<u>312640</u>
	<u>June 1, 1971</u>
	<u>10:30 AM</u>

Date well started Oct 20 - 70
completed Oct 31 - 70

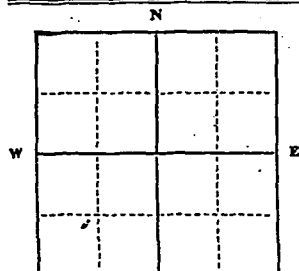
Type of well drilled
(Dug, driven, bored or drilled)
Equipment used Cable Tool
(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*Describe _____
USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS
<u>5 1/2"</u>	<u>4"</u>	<u>0</u>	<u>58</u>	<u>8" 1/4"</u>
<u>to 58'</u>	<u>11#</u>			<u>53'</u>
<u>4" to</u>	<u>9ft</u>			<u>56'</u>
<u>60'</u>				



NE 1/4 SW 1/4 Sec 27
T. 16 N. R. 55 E
S W

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature C H Starr
Driller's Address _____

LICENSE NO. 168

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
<u>0</u>	<u>28</u>	<u>sandy clay</u>
<u>28</u>	<u>47</u>	<u>gravel</u>
<u>47</u>	<u>56</u>	<u>gray shale</u>
<u>56</u>	<u>60</u>	<u>quartz sand</u>
		<u>sandy clay</u>

RECEIVED
MAY 5 1971
MONTANA DEPARTMENT OF NATURAL RESOURCES

60' Show exact depth of bottom

48556

File No.

T. 16 R. 55

DUPLICATE

County Dawson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

**Notice of Completion of Groundwater Appropriation
Without Well**

(Under Chapter 237 Montana Session Laws, 1961)

RECEIVED
NOV 20 1963
STATE ENGINEER

Date of Appropriation of Groundwater 1925Owners Joe Crisafulli & Sons Address Glendive, MontanaContractor (if any) none

Address of Contractor

Date Started Date Completed

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable.

fx gravity system

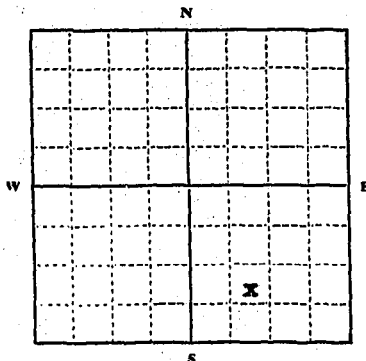
Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use

use up to 50 gallons per minute and usedyear aroundJoe Crisafulli and SonsSignature of Owner Joe CrisafulliDate November 18, 1963

NESW 1/4 SE Sec 27 T. 16 R. 55

Indicate point of appropriation and place of use, if possible.



This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

285844

STATE OF MONTANA
County of Dawson

Filed for record this 19th day of
November A. D. 1963, at
9:00 o'clock A. M.

Gordon H. Russell
County Clerk and Recorder.

By Allen Austdy Deputy.

Fee pd. \$2.00

GW

Approved Stock Form—State Publishing Co., Helena, Montana—41338

File No.

T. 16 R. 55

DUPLICATE

County Dawson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

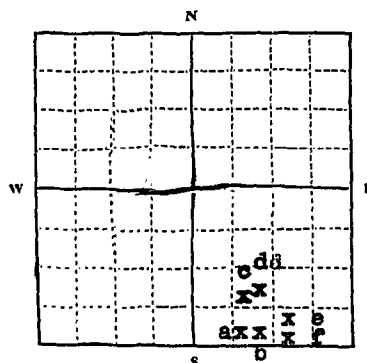
RECEIVED
NOV 20 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Joe Crissafulli and Sons, of Glendive
(Name of Appropriator) (Address) (Town)
County of Dawson State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 SE Sec. 27 T. 16 R. 55

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based stock
residential, and irrigation water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been
A-1930; B-1940; C-1945;
D, E, F-1959
4. The amount of groundwater claimed (in miner's inches or gallons per minute) A-400 gallon; B, C, D, E, F-50 gallons

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
35 acres in ~~XXXXXX~~ Sec. 27-16-55

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
A-XXX 6" centrifical pump; B-C-Deep well set
DE D, E, F-Deep well jets.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater A-1930 - B-1940 - C-1945 - D, E, F- 1959

8. The depth of water table 60'
A-XXX; B-100'; C-100'; D, E, F-100'

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
- | | |
|----------------------------|----------------------------|
| <u>A- Well - 60' deep</u> | <u>D- Well - 160' Deep</u> |
| <u>B- Well - 160' deep</u> | <u>E- Well - 160' Deep</u> |
| <u>C- Well - 160' deep</u> | <u>F- Well - 160' deep</u> |

10. The estimated amount of groundwater withdrawn each year 35 acre feet

11. The log of formations encountered in the drilling of each well if available
none available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record
none

Joe Crissafulli & Sons

Signature of Owner Joe Crissafulli

Date November 18, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

3492

285845

STATE OF MONTANA
County of Dawson

Filed for record this 19th day of
November A. D. 1963, at
9:00 o'clock A.M.

London H. Russell
County Clerk and Recorder.

By Oliver Austhy Deputy.

Fee pd. 2.00

File No.

T. 16 R. 55

DUPLICATE

County DAWSON

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

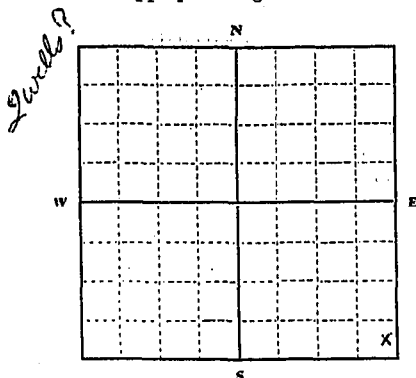
RECEIVED
DEC 16 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. HARDYS O. EGGUM, of West Glendive, Montana
(Name of Appropriator) (Address) (Town)

County of Dawson State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 SE Sec. 27, T. 16 R. 55

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Yard and domestic use since October, 1960

3. Date or approximate date of earliest beneficial use; and how continuous the use has been October, 1960, continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) Basement well, eight gallons per minute; Outdoor well, eight gallons per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Yard and garden, .333 acres on outside well; Domestic use inside well

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Well pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Started October 1, 1960; finished October 15, 1960

8. The depth of water table 14'

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Inside well-2" casing pump, electric motor and centrifugal, 18' deep; Outside well-2" casing, electric motor and centrifugal pump

10. The estimated amount of groundwater withdrawn each year 345,600 gallons per year per well

11. The log of formations encountered in the drilling of each well if available None

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None

Signature of Owner Hardys Eggum

Date November 29, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

9173

286244

STATE OF MONTANA
County of Dawson

Filed for record this 13th day of December A. D. 1963 at 11:30 o'clock P.M.
Gordon W. Russell
County Clerk and Recorder

By _____ Deputy.

Form No. 18
8-60

27

T. _____ R. _____

County _____

DEC 29 1961
9:50 AM

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JAN 4 1962

WATER WELL LOG

STATE ENGINEER

Owner HENRY P. ERICKSON

Address Glendive, Mont.

Driller JOHN KNAPP

Address Glendive, Mont.

Date Started 10-14-61

Date Completed 10-31-61

Location: Sec. 27 T. 16 R. 55 $\frac{1}{4}$ sec.

Lot one Block five and Jefferson School
addl.

Type of well Drilled Equipment used Cable tool
(Dug, driven, bored, or drilled) (Churn, drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other _____

Casing: 0 ft. to 113 ft. Type SPTC Size 4"

Casing: _____ ft. to _____ ft. Type _____ Size _____

Casing: _____ ft. to _____ ft. Type _____ Size _____

Perforated or Screened: Ft. OPEN END FROM 113 Ft. 140 to ft. _____

Type of screen or perforations _____

Static Water level, for non-flowing well: 55 feet.

Shut-in pressure, for flowing well: _____ lb./sq. in. on: _____ (date)

Pumping water level 100 feet at 8 gal. per min. _____

How tested: Submersible Pump

Length of test 36 hrs.

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

Drive 4" casing to 113 ft.

(over)

Log of Well

<u>Depth, Feet</u>		Description of material Drilled
From	to	
21 0	23"	Clay
23	48	Gravel
48	94	Clay
94	100	SAND
100	121	Clay
121	140	SAND

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner FORT YELLOWSTONE
Robert J. R. Johnson
Address 217 1/2 St. H.P.
Gladstone, M.T.
Date well started June 26, 1971 GW 1
completed July 30, 1971

For Administrator's Use

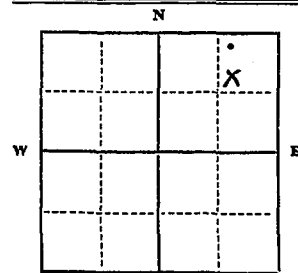
File 3/2891
July 6, 1971
11:30 AM

Type of well Drilled
(Dig, driven, bored or drilled)
Equipment used Cable Tool
(Cable drill, rotary or other)
Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*Describe _____
USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition). _____

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS
<u>4"</u>	<u>5 1/2" 30.00</u>	<u>Top</u>	<u>77'</u>	<u>more</u>
	<u>14#</u>			
	<u>Rm.</u>			
	<u>Ft.</u>			



N.E. 1/4 Sec. 37
T. 16 N. R. 55 E
S W

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature Darby S. Whitman
Driller's Address Beaumont, Mont.

LICENSE NO. 107

16N-55E
County Dawson 27

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

From (Feet)	To (Feet)	
<u>0</u>	<u>10</u>	<u>Same shale</u>
<u>10</u>	<u>34</u>	<u>trans. & sand sh.</u>
<u>34</u>	<u>43</u>	<u>Light same shale</u>
<u>43</u>	<u>77</u>	<u>Hard same shale</u>
<u>77</u>	<u>80</u>	<u>Hard sand shale</u>
<u>80</u>	<u>84</u>	<u>Water & sand</u>
		<u>30 gal per min</u>
		<u>84' Bottom of well</u>

84' Show exact depth of bottom

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STATE OF MONTANA
County of Dawson 6th
Filed for record this 6th day of
July A. D. 19 21 at
11:30 clock A. M.
W. B. Brown
County Clerk & Recorder.
By Patricia A. Brown Deputy

RECEIVED

14.55E 27
County Wauw

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER
MONTANA WATER RESOURCES BOARD
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner John Hart

Address West Glendine

Date well started 7-7-72

completed 7-9-72

Type of well drilled

Equipment used rotary

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

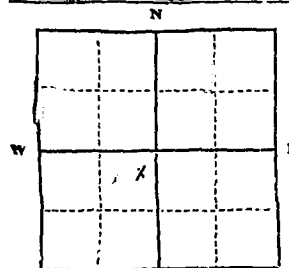
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS
6 1/4	PVC plastic along G.L.	1	94	Kind Size From (Feet) To (Feet) slotted 76 93



Static water level 3.7 ft.*
Pumping water level 7.5 ft.*
at 8 gallons per minute,
measured 60 minutes after pumping
began.
*Measured from ground level.
Well developed by hacking
for 3 hours.
Power 5 Pump 1/2 hp
Remarks: (Gravel packing, cement
packers, type of shutoff)
Packer

Lot 18, Block 6, Jefferson
NE 1/4 SW 1/4 Sec. 25
T. 16 N. R. 55 E. S. 25

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.
EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature M. E. V. Vachek

Driller's Address 916 So. Taylor

Glendine, Mont.

LICENSE NO. 223

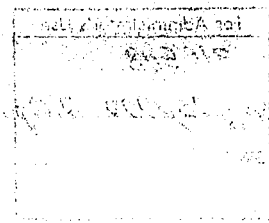
Top of Ground (Elev. above sea level)	
From (Feet)	To (Feet)
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199	200

94 Show exact depth of bottom

5/1/3

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[Faint, illegible text at the top of the page, possibly a date or reference.]



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316548

STATE OF MONTANA
 County of Dawson
 Filed for record this 25th day of
July A.D. 1972 at
2:00 o'clock P.M.
Barbara J. Russell
 County Clerk & Recorder
 By Madeline Wolf Deputy

RECEIVED 73

16N-55E
County Nelson 27

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form is to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located. 1st COPY TO BE RETAINED by driller. Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Tom Hailand
Address Glendale
Montana
Date well started May 15, 1971 GW 1
completed May 24, 1971

For Administrator's Use	
File	<u>312728</u>
	<u>June 11, 1971</u>
	<u>1:06 PM</u>

Type of well Drilled (~~Other~~ driven, bored or drilled)

Equipment used Cable Tool
 (burn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

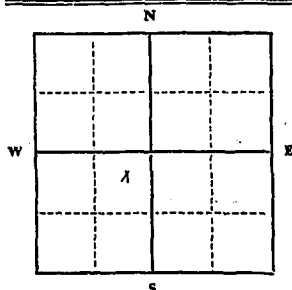
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☒

***Describe**

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL 15 gal

Size of Drilled Hole	Size and Weight of Casing.	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
5 11	14 7/8 5 1/2 0.0	TP	103 103 open land.	none		



Static water level 66 ft.
Pumping water level 88 ft.
at 4.5 gallons per minute,
measured 34 minutes after pumping
began.
*Measured from ground level.
Well developed by Be
for 3.4 hours.
Power _____ Pump _____ hp
Remnant (Gravel packing, cementin
packs; type of shutoff)

NE 1/4 SW 1/4 Sec. 27

T. 16 NR. 55 E

INDICATE LOCATION OF WELL AND PLACE OF ~~WELL~~ IF POSSIBLE.
EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature Derby C. Whitman

Driller's Address Blomfield, Tenn.

LICENSE NO. 107

Top of Ground (Elev. above sea level) _____

[illegible]

154' Show exact depth of bottom

48593

freed.

RECEIVED
JUN 11 1960

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

STATE ENGINEER

WATER WELL LOG

T. 16 R. 55
County Dawson

Owner: Messiah Luther Church Address: Glendive, Montana
Driller: Robert Haggerty Address: Box 73, Glendive
Date Started: June 15, 1960 Date Completed: June 17
Location: Sec. 27 T. 16 R. 55 1/4 sec. S1/4-S1/4

Type of well: drilled Equipment used: cable tool
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other: _____

Casing: 0 ft. to 60 ft. Type: iron Size: 4 inch
Casing: _____ ft. to _____ ft. Type: _____ Size: _____
Casing: _____ ft. to _____ ft. Type: _____ Size: _____

Perforated or Screened: Ft. _____ to ft. _____ Ft. _____ to ft. _____

Type of screen or perforations: _____

Static Water level, for non-flowing well: 12 feet.

Shut-in pressure, for flowing well: _____ lb./sq. in. on: _____ (date)

Pumping water level: 0 feet at 4 gal. per min.

How tested: pumped

Length of test: 12 hours

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

bottom open

(over)

Log of Well

[illegible]

File No.

T. 16 R. 55

DUPLICATE

County. Dawson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

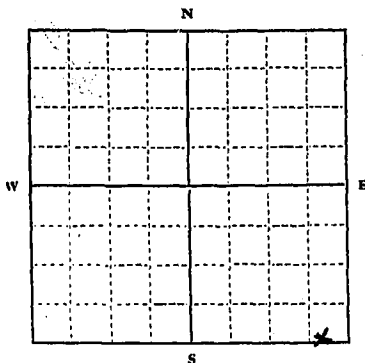
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
DEC 19 1963

STATE ENGINEER

1. Mr. Joe W. Mischel of Box 961 Glendive
(Name of Appropriator) (Address) (Town)
County of Dawson State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4, SE Sec. 22, T. 16, R. 55

Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.

2. The beneficial use on which the claim is based Consumption + irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been March 1956
Steady
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 15 gal.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
Joe Mischel, 100 acres, garden + lawn

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Jet + piston pumps in basement

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1956
8. The depth of water table well #1 to 21 ft. well C. 87 ft.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater well C 4 in casing, 8' 1
well #3 21 ft. sand point
well C 12 ft. auger with 26 in casing
10. The estimated amount of groundwater withdrawn each year 2000 to 10000
11. The log of formations encountered in the drilling of each well if available See log
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None

Signature of Owner

Date

Joe W. Mischel
Dec. 17, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

16227

286317

STATE OF MONTANA
County of Dawson

Filed for record this 17th day of
December A. D. 1963, at
3.00 o'clock P.M.

Gordon H. Russell
County Clerk and Recorder.

By Layne Scheith Deputy.

Fee pd. \$ 2.00

File No.

T. 16 N 55 E

DUPLICATE

County Dawson

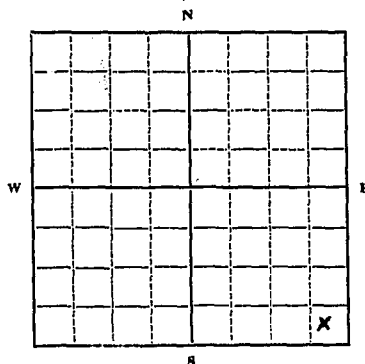
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JUN 24 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Henry S or Laura Newell, of Box 124 Glendive, Montana
(Name of Appropriator) (Address) (Town)
County of Dawson State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 S 16 T. 27 R. 55

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Domestic use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been April 3, 1961
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 8 gal per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Garden
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Shallow Well Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater April 3, 1961
8. The depth of water table 15'
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Drilled 100' hole, Cased w/ 8 1/2" casing Casing perforated 10' in bottom, Bailed 25 gal per min water standing at 48', Raised to 15' over night, Casing Collar sealed at 77' Bailed 8 gall standing at 25'
10. The estimated amount of groundwater withdrawn each year 500,000
11. The log of formations encountered in the drilling of each well if available 0-8 Sandy Gumbo, 8-19 Gravel, 19-44 Clay, 44-54 Sandy Clay, 54-65 Sand, 65-87 Sandy Clay, 87-97 Sand, 97-102 Sandy Clay
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None

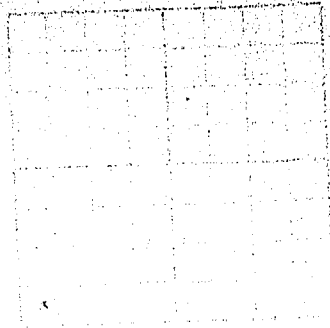
Signature of Owner

Henry S. Newell
Date June 21, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.



284040

STATE OF MONTANA
County of Dawson

Filed for record this 21st day of

June A. D. 1963, at
11:45 o'clock P. M.

Landon W. Russell
County Clerk and Recorder.

By Alice Purthley Deputy,

Fee pd. 2.00

16N
T. 16 R. 55

County Dawson

RECEIVED
JAN 4 1958

DEC 29 1961
11:00 A.M.

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

STATE ENGINEER

Owner John Owen Address West Glendive, Mont.

Driller Ira C. Bond Address Terry, Montana

Date Started August 1, 1958 Date Completed August 5, 1958

Location: Sec. 27 T. 16 R. 25 1/4 sec. NW 1/4 SW 1/4

Type of well Drilled Equipment used Cable
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐

Casing: surface to 52 ft. Type Steel Size 6"

Casing: 49 ft. to 140 ft. Type Steel Size 4"

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 120 to ft. 136 Ft. to ft.

Type of screen or perforations 5/16" burned

Static Water level, for non-flowing well: raises 60 feet feet.

Shut-in pressure, for flowing well: lb./sq. in. on: (date)

Pumping water level draws down 10 feet 10 gal. per min.

How tested: bailer

Length of test: week

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

Exact location of well:

316 feet south thence 764 feet east thence 123 feet south thence 40 feet
east thence 8 feet north from the NW corner of the NW 1/4 of the SW 1/4
of section 27 16 25

(over)

Log of Well

[illegible]

27

T. 16 R. 55
County Dawson

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG
Jefferson School Addition

RECEIVED
JUL 11 1958

STATE ENGINEER

Owner: Gilbert Faulson Address: West Grand Ave. Butte
Driller: I. C. Bond Address: Terry, Montana
Date Started: August 6, 1958 Date Completed: August 6, 1958
Location: Sec. 27 T. 16 R. 55 1/4 sec. NW 1/4 SW 1/4

Type: Drilled Equipment used: Cable
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other: _____

Casing: Surface ft. to 41 ft. Type: Steel Size: 4"

Casing: _____ ft. to _____ ft. Type: _____ Size: _____

Casing: _____ ft. to _____ ft. Type: _____ Size: _____

Perforated or Screened: Ft. 37 to ft. 41 Ft. _____ to ft. _____

Type of screen or perforations: 5/16" burned

Static Water level, for non-flowing well: raises 10 feet feet.

Shut-in pressure, for flowing well: _____ lb./sq. in. on: _____ (date)

Pumping water level stays at 10 foot/feet at 5 gal. per min.

How tested: pump

Length of test: week

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

Exact location of well

385 feet east, thence 256 feet south,

(Over)

Log of Well

[illegible]

Form No. 18
8-60

27

T. 16 R. 55
County DAWSON

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG
Jefferson School Addition

Owner Gilbert Paulsen Address West Glendive, Mont.
Driller Ira C. Bond Address Terry, Montana
Date Started August 6, 1958 Date Completed Aug. 6, 1958
Location: Sec. 27 T. 16 R. 55 $\frac{1}{4}$ sec. NW SW

Type of well Drilled Equipment used Cable
(bore, driven, bored, or drilled) (chain, drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐

Casing: Surface ft. to 41 ft. Type Steel Size 4"

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 37 to ft. 41 . Ft. to ft.

Type of screen or perforations 5/16" burred

Static Water level, for non-flowing well: raises 10 feet feet.

Shut-in pressure, for flowing well: lb./sq. in. on: (date)

Pumping water level raise stays at 10 ft/feet at 5 gal: per min.

How tested: pump

Length of test week

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

Exact location of well.

885 feet east, thence 256 feet south,

(over)

Log of Well

[illegible]

T 16 R 55
County Dawson

27

DEC 29 1961

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

11:00 A.M.

WATER WELL LOG

STATE ENGINEER

Owner Gilbert Paulson Address West Glendive, Wyo.
Driller Ira C. Bond Address Terry, Montana
Date Started August 6, 1958 Date Completed August 6, 1958
Location: Sec. 27 T. 16 R. 55 1/4 sec NW 1/4

Type of well Drilled Equipment used Cable
(Dug, driven, bored, or drilled) (Cable drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other:

Casing: surface ft. to 41 ft. Type steel Size 4"

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 37 to ft. 41 Ft. to ft.

Type of screen or perforations 5/16" burned

Static Water level, for non-flowing well: raises 10 feet feet.

Shut-in pressure, for flowing well: lb./sq. in. on: (date)

Pumping water level stays at 10 foot raise 5 gal. per min.
pump

How tested: week

Length of test: week

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

Exact location of well:

885 feet east, thence 256 feet south,

(over)